



Microbiological, physical and chemical proficiency testing schemes

Application Forms

January 2023 - December 2023

ISO/IEC 17043

lgcstandards.com/AXIO



AXIO Proficiency Testing 2023

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Proficiency Testing Animal Feeds (AFPS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-AF-)
FEB	AF052	20 Feb	27 Mar	01, 02, 08
APR	AF053	11 Apr	15 May	01, 02, 05, 06AF, 07AF, 10, 11, 13, 14, 15, 18
JUL	AF054	24 Jul	29 Aug	01, 02, 06KB, 07KB, 19
NOV	AF055	27 Nov	08 Jan 2024	01, 02, 05, 06AF, 07AF, 09, 10, 11, 15, 20

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Samples **PT-AF-05** and **PT-AF-19** are subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Animal Feeds (AFPS) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Chemistry Samples				Month and Rounds (AF)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 52	APR 53	JUL 54	NOV 55
PT-AF-01	125g	AF052: Cattle feed AF053: Sheep feed AF054: Poultry feed AF055: Pig feed	Moisture; Crude protein; Crude fat; Crude ash; Ash insoluble in hydrochloric acid; Sugars; Crude fibre; Starch; ADF; NDF; PPD; pH					
PT-AF-02	125g	AF052: Cattle feed AF053: Sheep feed AF054: Poultry feed AF055: Pig feed	Arsenic; Cadmium; Calcium; Chloride; Chromium; Cobalt; Copper; Iron; Lead; Magnesium; Manganese; Mercury; Phosphorus; Potassium; Selenium; Sodium; Zinc					
PT-AF-05*	125g	Cattle feed	Aflatoxins B1; B2; G1; G2; Total Aflatoxins; Ochratoxin A					
PT-AF-08*	125g	Premix	Arsenic; Cadmium; Calcium; Chloride; Chromium; Cobalt; Copper; Iron; Lead; Magnesium; Manganese; Mercury; Phosphorus; Potassium; Selenium; Sodium; Zinc					
PT-AF-09*	125g	Wet pet food	Moisture; Crude protein; Crude fat; Crude ash; Ash insoluble in hydrochloric acid; Sugars; Crude fibre; Starch; pH					
PT-AF-13*	125g	Fish feed	Energy; Moisture; Crude protein; Crude fat; Crude ash; Crude fibre; pH					
PT-AF-14*	125g	Silage	Moisture; Crude protein; Crude fat; Crude ash; Crude fibre; Starch					
PT-AF-18* NEW	50g	Copra oil	Peroxide value; Butylated hydroxyanisole (BHA); Butylated hydroxytoluene (BHT)					
PT-AF-19* NEW	125g	Oats/oat flour	Fumonisin B1; Fumonisin B2; T-2; HT-2					
PT-AF-20* NEW	50mL	Maize oil	Deoxynivalenol (DON); Zearalenone (ZON)					

*Please note that these samples are not currently within the scope of LGC AXIO Proficiency Testing's UKAS accreditation.

Proficiency Testing Animal Feeds (AFPS) 2023

APPLICATION FORM

Microbiology Samples				Month and Rounds (AF)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 52	APR 53	JUL 54	NOV 55
PT-AF-06AF	25g	Simulated animal feed	Detection of <i>Salmonella</i> species					
PT-AF-06KB	25g	Dried petfood/kibble						
PT-AF-07AF	10g	Simulated animal feed	Total viable count Enumeration of Enterobacteriaceae; Enumeration of Coliforms; Enumeration of <i>Escherichia coli</i> ; Enumeration of Lactic acid bacteria					
PT-AF-07KB	10g	Dried petfood/kibble						
PT-AF-10	10g	Simulated animal feed	Enumeration of <i>Clostridium perfringens</i> ; Enumeration of <i>Clostridium</i> species; Enumeration of Sulphite-reducing Clostridia; Total anaerobic count					
PT-AF-11	25g		Detection of <i>Listeria monocytogenes</i> ; Detection of <i>Listeria</i> species					
PT-AF-15	10g		Enumeration of coagulase positive staphylococci; Enumeration of <i>Bacillus cereus</i> ; Enumeration of Yeast; Enumeration of Mould					

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [AFPS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional): Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcstandards.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-AF-18** (Quality parameters of copra oil). This will be available in round AF053 (April 2023).
- Sample **PT-AF-19** (Fusarium mycotoxins in oats) This will be available in round AF054 (July 2023).
- Sample **PT-AF-20** (Fusarium mycotoxins in maize oil). This will be available in round AF055 (November 2023)

We have renamed a number of samples to align with our sampling structure.

- Sample **PT-AF-06** has been renamed **PT-AF-06AF** (*Salmonella* in animal feed)
- Sample **PT-AF-07** has been renamed **PT-AF-07AF** (Quality indicators and probiotics in animal feed)
- Sample **PT-AF-16** has been renamed **PT-AF-06KB** (*Salmonella* in dried petfood/kibble)
- Sample **PT-AF-17** has been renamed **PT-AF-07KB** (Quality indicators and probiotics in dried petfood/kibble)

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CI-)
MAR	CI323	06 Mar	11 Apr	01
MAY	CI325	30 May	03 Jul	06, 07
SEP	CI329	04 Sep	09 Oct	01, 02, 08
NOV	CI331	27 Nov	08 Jan 2024	03

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Microbiological Test(s)	Presentation	Month and Rounds (CI)				
			ALL	MAR 323	MAY 325	SEP 329	NOV 331
PT-CI-01	Panel of three cultures for <i>Salmonella</i> identification/confirmation	3 x 2ml vials containing lyophilised material					
PT-CI-02	Panel of three cultures for <i>Listeria</i> identification/confirmation	3 x 2ml vials containing lyophilised material					
PT-CI-03	Panel of five cultures for Gram-negative bacteria identification/confirmation	5 x 2ml vials containing lyophilised material					
PT-CI-06	Panel of three cultures for Yeast strain identification/confirmation	3 x 2ml vials containing lyophilised material					
PT-CI-07	Panel of five cultures for Gram-positive bacteria identification/confirmation	5 x 2ml vials containing lyophilised material					
PT-CI-08	Mixed population for identification of all organisms present	1 x 2ml vials containing lyophilised material					

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [CONF-IDENT Scheme Description](#).

Proficiency Testing Confirmation and Identification (CONF-IDENT) 2023

APPLICATION FORM

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):

Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/en/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2022 scheme year.

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Quality in Chocolate (QCS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Reporting Date	Reporting Deadline	Samples Available (PT-CT-)
JAN	CT321	23 Jan	27 Feb	710, 713, 714, 715, 716, 717, 718
MAY	CT325	22 May	26 Jun	710, 714, 715, 716, 719, 720
SEP	CT329	04 Sep	09 Oct	710, 713, 715, 716, 717, 718

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

MICROBIOLOGY SAMPLES				Month and Rounds (CT)			
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAY 325	SEP 329
PT-CT-710	2 x 25g	Chocolate	Detection of <i>Salmonella</i> species				
PT-CT-713	10g	Cocoa Powder	Total aerobic mesophilic count Enumeration of Enterococci; Enterobacteriaceae; Coliforms; Yeast; Mould				
PT-CT-714	25g	Cocoa Powder	Detection of <i>Salmonella</i> species				
PT-CT-717	10g	Chocolate	Total aerobic mesophilic count Enumeration of Enterococci; Enterobacteriaceae; Coliforms; Yeast; Mould				
PT-CT-720	Vial + 375g	Cocoa Powder	Detection of <i>Salmonella</i> species				

*Price for a set of 2 samples.

CHEMISTRY SAMPLES				Month and Rounds (CT)			
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAY 325	SEP 329
PT-CT-715	150g	CT321: 85% Dark chocolate CT325: Milk chocolate CT329: Flavoured chocolate	Water activity; Moisture; Energy; Fat; Saturates; Total nitrogen; Carbohydrate; Total sugars; Fructose; Glucose; Sucrose; Salt (from sodium); Sodium; Butyric acid; Theobromine; Total dietary fibre; NEW Lactose***				
PT-CT-716	150g	CT321: High quality Cocoa Powder CT325: Low quality Cocoa Powder CT329: High quality Cocoa Powder	Energy; Fat; Saturates; Total nitrogen; Carbohydrate; Total sugars; Fructose; Glucose; Sucrose; Salt (from sodium); Sodium; Ash; Moisture; Theobromine; Caffeine; pH				
PT-CT-718	10g	Low quality Cocoa Powder	Total Arsenic***; Cadmium; Lead				
PT-CT-719**	20g	Dark chocolate	Cadmium				

**Please note that sample 719 is not currently within the scope of LGC's UKAS accreditation.

***Please note that this analyte is not currently included in LGC's UKAS scope of accreditation.

##Price per round and sample/sample set

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QCS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

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New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have added the below new analyte:

- Lactose added to sample **PT-CT-715** (Chocolate analysis)

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Quality in Dairy Chemistry (QDCS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CH)
JAN	CH321	23 Jan	27 Feb	27, 28, 29, 31, 32A, 32B, 35, 36, 37, 38A, 38B, 39, 40, 51, 52, 53, 54, 55, 56, 58, 59, 60, 70, 71, 72
APR	CH324	17 Apr	22 May	27, 28, 29, 31, 32A, 32B, 35, 36, 37, 38A, 38B, 39, 40, 41, 42, 43, 44, 51, 52, 53, 54, 55, 56, 58, 59, 62, 63, 66, 67, 68, 70, 71, 72, 73
JUL	CH327	17 Jul	21 Aug	27, 28, 29, 31, 32A, 32B, 35, 36, 37, 38A, 38B, 39, 40, 51, 52, 53, 54, 55, 56, 58, 59, 60, 65, 70, 71, 72
OCT	CH330	16 Oct	20 Nov	27, 28, 29, 31, 32A, 32B, 35, 36, 37, 38A, 38B, 39, 40, 41, 42, 43, 44, 51, 52, 53, 54, 55, 56, 58, 59, 63, 65, 67, 68, 70, 71, 72

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Samples **PT-CH-60**, **PT-CH-62**, and **PT-CH-68** are subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Milk products				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-27	250ml	Skimmed/non-fat milk	Fat 0,10% to 0,50%					
PT-CH-28	250ml	Whole milk	Protein 3,0% to 4,0%; Calcium; Total Solids; Lactose					
PT-CH-32A	250ml	Whole milk	pH					
PT-CH-40	250ml	Skimmed/low-fat milk	Fat 1,2% to 2,0%					
PT-CH-55	250ml	Whole milk	Fat 2,8% to 5,0%					
PT-CH-56	250ml	Whole milk	Titrateable Acidity; FPD					

Cream products				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-39	240g	Whipping cream	Fat 30% to 40%; Titrateable Acidity; Protein; Dry Matter					
PT-CH-53	240g	Single/light cream	Fat 12% to 25%					
PT-CH-54	240g	Double/heavy cream	Fat 40% to 50%					

##Price per round and sample/sample set; Please note that a volume discount may apply to this price, depending on the number of QDCS samples purchased. Please see page 7 for further details.

Proficiency Testing Quality in Dairy Chemistry (QDCS) 2023

APPLICATION FORM

Freeze-Dried Milk products				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-31	2 x 10ml	Freeze-dried milk	Phosphatase					
PT-CH-70	2 x 5ml	Freeze-dried milk	Antibiotics (beta lactams)					
PT-CH-71	2 x 5ml	Freeze-dried milk	Antibiotics (sulphonamides)					
PT-CH-72 NEW	2 x 5ml	Freeze-dried milk	Antibiotics (tetracyclines)					

Butter; Yogurt; Cheeses and Milk Powders				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-36	250g	Butter	Energy; Fat; Saturates; Salt; Sodium; Moisture; pH; Solids-non-fat (SNF)					
PT-CH-37	100g	Hard cheese CH321: Manchego CH324: Cheddar CH327: Gouda CH330: Double Gloucester	Energy; Fat; Saturates; Protein; Salt; Sodium; Moisture; pH; Cholesterol; Calcium; Lactose; Ash					
PT-CH-38A	120g	Skimmed milk powder	Moisture; Ash; Scorched Particles; pH					
PT-CH-38B	120g	Whey powder	Moisture; Scorched particles; Fat; Protein; Ash; Lactose; Galactose; pH					
PT-CH-41	20g	CH324: Whole milk powder CH330: Infant milk powder	Elements: Minerals (Ca; K; Cu; Na)					
PT-CH-42	20g	CH324: Whole milk powder CH330: Infant milk powder	Elements: Minerals (Chloride; Fe; Mg; Mn; P; Zn)					
PT-CH-43	120g	Whey protein concentrate	Fat; Protein; Moisture; Ash; pH; Bulk Density; Lactose; Insolubility Index					
PT-CH-44	20g	CH324: Whole milk powder CH330: Infant milk powder	Vitamins A; B12; C; D; E					
PT-CH-51	120g	Skimmed milk powder	Fat; Protein; WPNI; Titratable Acidity (rehydrated); Titratable acidity (milk powder); Insolubility Index; pH					

##Price per round and sample/sample set; Please note that a volume discount may apply to this price, depending on the number of QDCS samples purchased. Please see page 7 for further details.

Proficiency Testing Quality in Dairy Chemistry (QDCS) 2023

APPLICATION FORM

Butter; Yogurt; Cheeses and Milk Powders - continued				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-52	120g	Whole milk powder	Fat; Protein; Moisture; WPN; Titratable acidity (rehydrated); Titratable acidity (milk powder); Insolubility Index; pH					
PT-CH-58	100g	Yogurt CH321: Low fat yogurt CH324: Full fat yogurt CH327: Low fat yogurt CH330: Full fat yogurt	Energy; Fat; Protein; Salt; Sodium; Total solids; pH; Calcium					
PT-CH-59	100g	Soft cheese CH321: Half fat soft cheese CH324: Mascarpone CH327: Light cheese spread CH330: full fat soft cheese	Energy; Fat; Saturates; Protein; Salt; Sodium; Moisture; pH; Cholesterol; Calcium; Lactose; Ash; Total dietary fibre					
PT-CH-63	120g	Cheese powder	Salt; Moisture; pH; Fat; Protein; Ash; Sodium; Colour**					
PT-CH-65*	120g	Milk powder	Nitrate; Nitrite					
PT-CH-66	20g	Condensed milk	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt					
PT-CH-67	20g	Processed cheese	Energy; Fat; Saturates; Cholesterol; Carbohydrate; Total sugars; Protein; Salt Sodium; Sorbic acid; Moisture; pH; NEW Lactose; NEW Calcium; NEW Phosphorus					
PT-CH-73* NEW	25g	Cheese	Natamycin					

Standard solutions				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-29	125ml	HCl solution	Titrateable Acidity					
PT-CH-32B	250ml	Buffer solution	pH					
PT-CH-35	100ml	Potassium hydrogen phthalate	COD					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Analytes marked are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set; Please note that a volume discount may apply to this price, depending on the number of QDCS samples purchased. Please see page 7 for further details.

Proficiency Testing Quality in Dairy Chemistry (QDCS) 2023

APPLICATION FORM

Standard solutions - continued				Month and Rounds (CH)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	APR 324	JUL 327	OCT 330
PT-CH-60*	25ml	Freeze-dried milk	Aflatoxin M1					
PT-CH-62	70g	Soft cheese	Aflatoxin M1					
PT-CH-68*	2 x 50g	Freeze-dried cheese	Staphylococcal enterotoxins					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

##Price per round and sample/sample set; Please note that a volume discount may apply to this price, depending on the number of QDCS samples purchased. Please see page 7 for further details.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QDCS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Samples purchased per order	% Volume Discount
1-5	0
6-9	10
10-19	17
20-29	27
30-49	30
50+	33

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new sample as follows:

- Sample **PT-CH-73** (Natamycin (pimaricin) in cheese). This will be available in round CH324 (April 2023).

We have split samples PT-CH-34 and PT-CH-57 (Antibiotics) into three new samples as follows:

- PT-CH-70** (Antibiotics (beta lactams))
- PT-CH-71** (Antibiotics (sulphonamides))
- PT-CH-72** (Antibiotics (tetracyclines))

Due to low participation numbers, we have removed sorbic acid from sample **PT-CH-67**. We have added the below new analytes to this sample (**PT-CH-67**):

- Lactose
- Calcium
- Phosphorus

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-FC-)
FEB	FC322	20 Feb	27 Mar	770, 772, 774, 776, 778, 781, 782, 783, 811, 821, 822, 824, 826, 829, 832, 836, 850, 871, 876, 877
APR	FC324	24 Apr	30 May	760, 761, 762, 763, 774, 775, 779, 787, 790, 792, 793, 794, 796, 797, 798, 800, 803, 804, 808, 814, 820, 823, 828, 833, 837, 841, 846, 851, 863, 872, 879, 881, 883
JUN	FC326	19 Jun	24 Jul	770, 771, 772, 774, 778, 780, 784, 789, 791, 795, 801, 802, 805, 806, 809, 812, 815, 817, 818, 819, 825, 831, 832, 834, 838, 842, 845, 848, 849, 856, 860, 861, 864, 865, 866, 869, 870, 874
AUG	FC328	14 Aug	18 Sep	760, 761, 762, 763, 774, 777, 781, 782, 783, 785, 811, 821, 822, 824, 826, 829, 839, 844, 853, 857, 862, 868, 880
OCT	FC330	02 Oct	06 Nov	770, 772, 774, 775, 776, 778, 779, 788, 790, 793, 794, 796, 799, 801, 807, 810, 813, 814, 816, 820, 827, 830, 835, 840, 846, 847, 852, 855, 858, 860, 867, 873, 875, 878, 882, 885, 886
DEC	FC332	11 Dec	15 Jan 2024	770, 771, 772, 774, 778, 786, 791, 812, 815, 817, 819, 825, 832, 843, 854, 859, 884

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Samples **PT-FC-779**, **PT-FC-794**, **PT-FC-804**, **PT-FC-845**, and **PT-FC-867** are subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Additives				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-760 Preservatives	100ml	Liquid test material	Sorbic Acid; Benzoic Acid; Sulfur Dioxide							
PT-FC-761 Sweeteners	100ml	Liquid test material	Acesulfame K; Aspartame; Saccharin; Sucralose							
PT-FC-762 Food colours	100ml	Liquid test material	Ponceau 4R; Carmoisine; Sunset Yellow; Indigo Carmine							
PT-FC-763 Food colours	100ml	Liquid test material	Allura Red; Tartrazine; Quinoline Yellow; Brilliant Blue							
PT-FC-797** Preservatives	200g	Dried fruit slurry	Sulfur dioxide							
PT-FC-863** Organic acids (additives)	100g	Confectionary and bakery products	Propionic acid (E280); Sorbic acid (E200); Benzoic acid (E210); Citric acid (E330); Tartaric acid (E334); Acetic acid (E260); Malic acid (E296); Butyric acid							
PT-FC-885** Titanium dioxide in food NEW	20g	Food products	Titanium dioxide							

Nutritional information				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-770 Cereal based food matrix	100g	FC322: Wheat crackers FC326: Breakfast cereal FC330: Biscuits FC332: Breakfast cereal	Energy; Fat; Carbohydrate; Total Sugars; Total Dietary Fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Magnesium; Potassium; Zinc							
PT-FC-771 Cereal based food matrix	100g	FC326: Infant cereal product FC332: Fortified cereal product	Vitamin A; B1 (Thiamine); B2 (Riboflavin); B3 (Niacin); B5 (Pantothenic Acid); B6; B9 (Folic acid); B12; C; D; Iron							
PT-FC-772 Pre-prepared food	150g	FC322: Pasta meal FC326: Vegetable meal FC330: Rice meal FC332: Potato meal	Energy; Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total Sugars; Total Dietary Fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Cholesterol							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation; ##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

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Nutritional information (continued)				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-774 Food products	50g	FC322: Cured meat FC324: Jam FC326: Biscuits FC328: Dates FC330: Cured meat FC332: Hard cheese	Water activity							
PT-FC-775 Wheat flour	100g	FC324: Wholemeal flour FC330: White bread flour	Fat; Protein; Total dietary fibre; Ash; Moisture; Calcium; Iron							
PT-FC-776 Bread	100g	FC322: Brown bread FC330: White bread	Fat; Protein; Total Dietary Fibre; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Iron; Vitamins B1; B2; B3; pH							
PT-FC-783 Tomato paste/purée	100g	FC322: Tomato Purée FC328: Tomato Paste	pH; Brix; Total acidity; Total solids; Ash; Salt							
PT-FC-793 Cake	100g	FC324: Chocolate cake FC330: Sponge cake	Energy; Fat; Total Sugars; Total Dietary Fibre, Protein; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Salt							
PT-FC-801** Honey	200g	FC326: Thyme honey FC330: Citrus honey	Moisture; Electrical conductivity; Ash; pH; Free acidity; Hydroxymethylfurfural (HMF); Diastase enzymatic activity (Diastase number); Fructose; Glucose; Sucrose; Water insoluble solids; Apparent reducing sugars							
PT-FC-802** Ground Coffee	200g	Ground 100% Arabica coffee	Water; Ash; pH; Total acidity; Total chlorogenic acid; Caffeine; Potassium; Phosphorus; Magnesium; Calcium; Copper							
PT-FC-811** Ketchup	200g	Ketchup	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Total dietary fibre; Soluble solids; pH; Total acidity; Citric acid; Formol number							
PT-FC-812** Mayonnaise	150g	FC326: Full fat FC332: Low or reduced fat	Energy; Fat; Saturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Salt; Sodium; pH; Cholesterol							
PT-FC-813** Mustard	150g	Prepared mustard	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Total dietary fibre; pH; Total acidity; Erucic acid 22:1 n-9 NEW							
PT-FC-814** Canned fruit	2 x cans	FC324: Pears FC332: Peaches	Drained weight; pH; Energy; Carbohydrate; Total sugars; Glucose; Fructose; Total dietary fibre							
PT-FC-815** Spices	200g	Ground white pepper	Moisture; Total ash; Crude fibre, insoluble index; Volatile oil; Piperine content; Acid insoluble ash; Non volatile ether extract							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation; ##Price per round and sample/sample set

Nutritional information (continued)				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-816** Dried pasta	100g	Ground pasta	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Ash; Moisture; Total dietary fibre							
PT-FC-817** Jam and marmalade	100g	FC326: Strawberry jam FC332: Orange marmalade	Energy; Fat; Carbohydrate; Protein; Total sugars; Fructose; Glucose; Soluble solids; pH; Moisture; Ash; Total acidity; Brix							
PT-FC-819** Table salt	300g	Table salt	Purity; Moisture; Sulfate; Iodine; Calcium; Magnesium; Total Arsenic; Lead; Cadmium; Mercury; Copper, Ferrocyanide							
PT-FC-820** Food products	100g	Biscuits	Lactose (low level)							
PT-FC-821** Dehydrated food product	150g	FC322: Instant noodles FC328: Instant soup	Energy; Fat; Saturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Salt; Sodium; Cholesterol							
PT-FC-822** Vinegar	100ml	FC322: Malt vinegar FC328: Rice vinegar	Total acidity; Total ash; Density; Total dry extract; Volatile acidity; pH							
PT-FC-823** Infant formula powder (Amino Acid profile)	50g	Infant formula powder	Alanine (free); Arginine (free); Aspartic acid (free); Glutamic acid (free); Glycine (free); Histidine (free); Isoleucine (free); Leucine (free); Lysine (free); Phenylalanine (free); Proline (free); Serine (free); Threonine (free); Tyrosine (free); Valine (free); Cystein & Cystine (sum of); Methionine (free); Tryptophan (total)							
PT-FC-824** Instant coffee	200g	FC322: Instant coffee FC328: Decaffeinated	Moisture; Solubility in cold water at 16±2C°; Fat; Carbohydrate; Total glucose; Protein; Total dietary fibre; Ash; pH; Total chlorogenic acids; Caffeine; Total xylose							
PT-FC-826** Chilli powder/Sauce	20g	FC322: Chilli powder FC328: Chilli sauce	Capsaicin; Dihydrocapsaicin; Nordihydrocapsaicin; Heat unit							
PT-FC-828** Nut products	20g	Roasted and salted peanuts	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Sodium; Moisture							
PT-FC-829** Dried tea	100g	FC322: Black tea FC328: Green tea	Water extract; Total ash; Water soluble ash; Crude fibre; Moisture; Caffeine							
PT-FC-830** Fruit/vegetable puree	20g	Fruit purée	Vitamin C (as ascorbic acid)							
PT-FC-832 Non-wheat flour	100g	FC322: Rice flour FC326: Potato flour FC332: Chickpea flour	Fat; Protein; Total dietary fibre; Ash; Moisture; Calcium							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation; ##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Nutritional information (continued)				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-833** Baby food purée	150g	Baby food purée	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium							
PT-FC-834** Potato crisps	100g	Blended potato crisps	Energy; Fat; Saturates; Mono-unsaturates; Moisture; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium							
PT-FC-835** Tortilla chips	100g	Blended tortilla chips	Energy; Fat; Saturates; Mono-unsaturates; Moisture; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium							
PT-FC-856** Pickles	100g	Pickles cucumbers	pH; Total Acidity; Calcium Chloride; Sodium							
PT-FC-858** Relish	100g	Relish	pH; Brix; Total Acidity; Salt							
PT-FC-859** Candy	25g	Candy	Moisture; Total Acidity							
PT-FC-860** Chewing gum	25g	Chewing gum	Moisture; Total Acidity; pH							
PT-FC-861** Garlic powder	150g	Garlic powder	Moisture; Sulfur dioxide; Allicin; Ash (total); Acid insoluble ash							
PT-FC-862** Peanut butter	50g	Peanut butter	Fat; Salt; Moisture							
PT-FC-864** Tomato paste	25g	Tomato paste	Vitamin A; Colour							
PT-FC-865** Green coffee	25g	Green coffee	Moisture							
PT-FC-869** Spices	50g	Spices	Water activity; Moisture NEW							
PT-FC-876** Sauce NEW	50g	Ketchup or mayonnaise	Water activity							
PT-FC-877** Plant-based meat NEW	150g	Plant-based meat alternative	Energy; Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Total dietary fibre; Protein; Salt							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Pesticides				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-777** Green tea	2 x 50g (spiked & blank)	Dried green tea spiked Dried green tea blank	Pesticides							
PT-FC-836 Pome fruits	2 x 50g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate# NEW							
PT-FC-837 Citrus fruits	2 x 50g (spiked & blank)									
PT-FC-838 Fruiting vegetables	2 x 50g (spiked & blank)									
PT-FC-839 Root & tuber vegetables	2 x 50g (spiked & blank)									
PT-FC-840** Pulses	2 x 50g (spiked & blank)									
PT-FC-841** Cereals	2 x 50g (spiked & blank)									
PT-FC-842** Vegetable, seed oil and olive oils	2 x 50g (spiked & blank)	Material containing up to 20 quantifiable pesticides	Pesticides							
PT-FC-843** Spices	2 x 50g (spiked & blank)									
PT-FC-857** Ethylene oxide in food products	10g	Food product e.g., sesame	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide NEW ; 2 chloroethanol NEW							
PT-FC-868** Ethylene oxide in spices	20g	Food product e.g. ground ginger	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide NEW ; 2 chloroethanol NEW							
PT-FC-880** Herbs NEW	2 x 50g (spiked & blank)	Herbs	Pesticides							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation

#Analytes marked with an asterisk are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Contaminants				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-779 Nuts	2 x 50g (spiked & blank)	FC324: Peanuts FC330: Hazelnuts	Aflatoxins B1; B2; G1; G2; Total Aflatoxins							
PT-FC-787 Vegetable	50g	Cabbage	Nitrate							
PT-FC-788 Snack product	50g	Potato crisps	Acrylamide							
PT-FC-792 Vegetable	50g	Leaf vegetable	Perchlorate							
PT-FC-794** Chilli powder	100g	FC324: Chilli powder (low levels) FC330: Chilli powder (high levels)	Aflatoxins B1; B2; G1; G2; Total Aflatoxins; Ochratoxin A							
PT-FC-798** Infant vegetable purée	100g	Infant vegetable food	Nitrate							
PT-FC-803** Palm oil	50g	Palm oil	Sudan IV							
PT-FC-804** Dried fruits	200g	Dried fruit slurry	Aflatoxins B1; B2; G1; G2; Total Aflatoxins; Ochratoxin A							
PT-FC-805** Vegetable oil	50ml	Vegetable oil	Benzo[a]pyrene; Benz[a]anthracene; Benzo[b]fluoranthene; Chrysene; Sum of EU 4 PAHs							
PT-FC-831** Opiates	15g	Poppy seeds	Morphine; Codeine							
PT-FC-845** Mycotoxins in rice	100g	Ground rice	Aflatoxins B1; B2; G1; G2; Total aflatoxins; Ochratoxin A; Zearalenone							
PT-FC-867** Mycotoxins in corn	100g	Ground corn (maize flour)	Aflatoxins B1; B2; G1; G2; Total aflatoxins; Ochratoxin A; Zearalenone							
PT-FC-881** Acrylamide in coffee NEW	50g	Instant or ground coffee	Acrylamide							
PT-FC-886** Illegal dyes in spices NEW	25g	Spices	Dyes							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation; ##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Allergens				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-781** Low in gluten Flour	100g	Flour (low level)	Gluten							
PT-FC-799** Cake mix	2 x 20g	Cake mix powder	Egg white protein; Presence/absence of egg white NEW							
PT-FC-808** Almond in rice flour	2 x 20g	Rice flour	Almond; Presence/absence of almond NEW							
PT-FC-809** Soy in rice flour	2 x 20g	Rice flour	Soy; Presence/absence of soy NEW							
PT-FC-810** β-lactoglobulin	2 x 20g	Infant formula powder	β-lactoglobulin; Presence/absence of β-lactoglobulin NEW							
PT-FC-851** Low in gluten pasta sauce	25g	Pasta sauce (low level)	Gluten							
PT-FC-852** Gluten and egg white in canned meat	2 x 20g	Canned meat	Gluten; Egg white protein; Presence/absence of gluten NEW ; Presence/absence of egg white protein NEW							
PT-FC-853** Soya and milk protein in non-dairy milk	2 x 25g	Non-dairy milk	Soy; Milk protein; Presence/absence of soy protein NEW ; Presence/absence of milk protein NEW							
PT-FC-854** Gluten, egg white and milk protein in biscuits	20g	Biscuit	Gluten; Egg white protein; Milk protein; Presence/absence of gluten NEW ; Presence/absence of egg white protein NEW ; Presence/absence of milk protein NEW							
PT-FC-855** Gluten in swabs	-	2 x Surface swabs	Presence/absence of Gluten							
PT-FC-882** Peanut, sesame and soya in swabs NEW	-	2 x Surface swabs	Presence/absence of Peanut protein; Presence/absence of Sesame protein; Presence/absence of Soya protein							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation;

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Foreign bodies				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-818** Foreign bodies in food products	-	2 x samples (both potentially contaminated)	Presence/absence; Identification of foreign body							

Elements				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-780** Dried tea	50g	Dried green tea	Total Arsenic; Cadmium; Mercury; Lead; Selenium							
PT-FC-784** Cereal grain	50g	Cereal grain	Total Arsenic; Cadmium; Lead; Mercury							
PT-FC-785** Edible oil	50g	Vegetable oil	Total Arsenic; Cadmium; Lead; Mercury							
PT-FC-786** Dried fruit	50g	Dried fruit powder	Total Arsenic; Cadmium; Lead; Mercury							
PT-FC-789 Rice	10g	Rice	Total Arsenic; Total Inorganic Arsenic#; Arsenic III#; Arsenic V#; Cadmium; Lead#							
PT-FC-795** Mushrooms	10g	Dried mushrooms	Total Arsenic; Cadmium; Lead							
PT-FC-827** Infant fruit/vegetable purée	20g	Vegetable purée	Total Arsenic; Inorganic arsenic; Cadmium; Lead							
PT-FC-866** Ground pepper	10g	Ground pepper	Total Arsenic; Cadmium; Lead; Mercury							
PT-FC-871** Herbs NEW	10g	Herbs	Total Arsenic; Cadmium; Lead							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation

#Analytes marked with an asterisk are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Oil and Fat Quality				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-778 Edible oil or fat	150g	FC322: Palm oil FC326: Coconut oil FC330: Corn oil FC332: Soybean oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition*							
PT-FC-782 Mixed fat spread	100g	FC322: Full fat spread FC328: Reduced fat spread	Total Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Omega 3; Omega 6; Salt; Water; pH; Vitamin A; Vitamin D							
PT-FC-790 Extra virgin olive oil	2 x 200ml & 1 x 50ml	Extra virgin olive oil	Peroxide value; Free fatty acids (Acidity); K232; K270; Wax content; 3,5 Stigmastadienes; Ethyl esters; Total Sterols; Δ-7-stigmastenol; Insoluble Impurities; Moisture and Volatile Matter at 103°C; Total Polyphenols; Fatty Acid Composition*							
PT-FC-791 Olive oil	2 x 200ml	FC326: Olive oil FC332: Olive pomace oil	Free fatty acids (Acidity); K270; ΔK; Wax content; β-sitosterol (apparent); Campesterol; Erythrodiol & Uvaol; ΔECN 42; Accelerated Oxidation test (Rancimat) at 120°C; 2-glyceryl monopalmitate; Fatty Acid composition*							
PT-FC-796** Frying oil	150g	Frying (used) vegetable oil	Total polar compounds; Free fatty acids (Acidity); Accelerated oxidation test (Rancimat) at 120°C							
PT-FC-806** Fish oil supplement	100ml	Cod liver oil	cis Alpha-linolenic acid (ALA); cis Eicosapentaenoic acid (EPA); cis Docosapentaenoic (DPA); cis Docosahexaenoic (DHA); Monounsaturated fatty acids; Polyunsaturated fatty acids; Saturated fatty acids; Total EPA+DHA Omega-3 fatty acids; Total Omega-3 fatty acids; Total Omega-6 fatty acids; Total Omega-9 fatty acids; Omega-3 : Omega-6 ratio; Total trans fatty acids; Vitamin A; Vitamin D							

Authenticity/Quality				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-800** Non-dairy cheese	100g	Non-dairy alternative	Total fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Total omega 3; Total omega 6; Total omega 3:Total omega 6 ratio; 4:0 Butyric acid; 12:0 Lauric acid							
PT-FC-825** Herbs & Spices	15g	FC326: Oregano FC332: Cumin	Confirmation of authenticity							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Authenticity/Quality				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-847** Authenticity of honey by NMR profiling	2 x 5g	Honey	Confirmation of authenticity							
PT-FC-848** Vegan food	10g	Vegan food	Presence or absence of animal DNA							
PT-FC-849** Cannabidiol (CBD) in food	-	3 x gummies	Cannabidiol							
PT-FC-850** Vanillin in vanilla extract	2 x 20ml	Vanilla extract	Vanillin; Ethyl alcohol NEW ; Density NEW Refractive index at 20°C NEW							
PT-FC-870** Spices	100g	Spices	Bulk index; Bulk Density NEW ; Colour strength NEW							
PT-FC-879** Herbs NEW	100g	Herbs	Moisture; Acid Insoluble Ash; Ash; Volatile Oil							
PT-FC-883** Soya sauce NEW	100ml	Soya sauce	pH; Total titratable acidity; Total sugars; Sorbic acid (E200); Salt; Sodium; Magnesium; Potassium; Calcium							
PT-FC-884** Dried fruit NEW	50g	Dried fruit	Total sugars; Total dietary fibre; Protein; Ash; Moisture							

Food labelling				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-846** Food labelling benchmark exercise and declaration of nutritional values	-	Paper exercise	Assessment to European Union Food law or equivalent							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation

##Price per round and sample/sample set

Proficiency Testing Quality in Food Chemistry (QFCS) 2023

APPLICATION FORM

Food Contact				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-872** Bisphenols in 3% aqueous acetic acid NEW	50ml	Simulant	Bisphenol A; Bisphenol S							
PT-FC-873** Total primary aromatic amines in 3% aqueous acetic acid NEW	300ml	Simulant	Aniline; 4,4'-Methylenedianiline; 2,4-Toluenediamine							
PT-FC-874** Lead and Cadmium in 4% aqueous acetic acid NEW	50ml	Simulant	Lead; Cadmium							
PT-FC-875** Phthalates in vegetable/seed oil NEW	20ml	Simulant	DEHP; BBP; DBP							

##Price per round and sample/sample set

Genetically modified organisms (GMO)				Month and Rounds (FC)						
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	APR 324	JUN 326	AUG 328	OCT 330	DEC 332
PT-FC-878** Genetically modified organisms (GMO) in cereals and/or grains NEW	5g	Cereals and/or grains	Qualitative identification of the GM Events; Quantification of GM events detected							

**Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

##Price per round and sample/sample set

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QFCS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcstandards.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-FC-871** (Elements in herbs). This will be available in round FC322 (February 2023).
- Sample **PT-FC-876** (Water activity of sauces). This will be available in round FC322 (February 2023).
- Sample **PT-FC-877** (Nutritional analysis of a plant-based meat alternative). This will be available in round FC322 (February 2023).
- Sample **PT-FC-878** (Genetically modified organisms (GMO) in cereals and/or grains). This will be available in round FC330 (October 2023).
- Sample **PT-FC-879** (Quality of herbs). This will be available in round FC324 (April 2023).
- Sample **PT-FC-880** (Pesticides in herbs). This will be available in round FC328 (August 2023).
- Sample **PT-FC-881** (Acrylamide analysis in coffee). This will be available in round FC324 (April 2023).
- Sample **PT-FC-882** (Peanut, sesame and soya in swabs (allergen testing)). This will be available in round FC330 (October 2023).
- Sample **PT-FC-883** (Essential quality parameters of soya sauce). This will be available in round FC324 (April 2023).
- Sample **PT-FC-884** (Quality parameters of dried fruit e.g. dried dates). This will be available in round FC332 (December 2023).
- Sample **PT-FC-885** (Titanium dioxide in food products). This will be available in round FC330 (October 2023).
- Sample **PT-FC-886** (Illegal dyes in spices). This will be available in round FC330 (October 2023).

We have moved the samples that were previously in the CONTACT scheme and added to QFCS. The new sample numbers are as follows:

- Sample **PT-FC-872** (Bisphenols in 3% aqueous acetic acid). This will be available in round FC324 (April 2023).
- Sample **PT-FC-873** (Total primary aromatic amines in 3% aqueous acetic acid). This will be available in round FC330 (October 2023).
- Sample **PT-FC-874** (Lead and Cadmium in 4% aqueous acetic acid). This will be available in round FC326 (June 2023).
- Sample **PT-FC-875** (Phthalates in vegetable/seed oil) This will be available in round FC330 (July 2023).

We have added a number of new analytes as follow:

- Erucic acid 22:1 n-9 added to **PT-FC-813** (Nutritional analysis of mustard)
- Moisture added to sample **PT-FC-869** (Water activity of spices)
- Glyphosate added to sample **PT-FC-836 - PT-FC-841** (Pesticides)
- Ethylene oxide and 2 chloroethanol added to Sample **PT-FC-857** (Ethylene oxide in food products)
- Ethylene oxide and 2 chloroethanol added to Sample **PT-FC-868** (Ethylene oxide in spices)
- Presence/absence of egg white added to sample **PT-FC-799** (Egg white allergen in cake mix)

- Presence/absence of almond added to sample **PT-FC-808** (Almond in rice flour)
- Presence/absence of soy added to sample **PT-FC-809** (Soy in rice flour (allergen testing))
- Presence/absence of gluten and Presence/absence of egg white protein added to sample **PT-FC-852** (Gluten and egg white in canned meat)
- Presence/absence of egg white protein and Presence/absence of milk protein added to sample **PT-FC-853** (Soya and milk protein in non-dairy milk)
- Presence/absence of gluten, Presence/absence of egg white protein and Presence/absence of milk protein added to sample **PT-FC-854** (Gluten, egg white and milk protein in biscuits)
- Ethyl alcohol, Density and Refractive index at 20°C added to sample **PT-FC-850** (Vanillin in vanilla extract)
- Bulk Density and Colour strength added to sample **PT-FC-870** (Bulk index of spices)

Due to low participation numbers, we have removed the below samples:

- **PT-FC-807** (Glyphosate and AMPA in grain flour, please see now **PT-FC-836 - PT-FC-841**)
- **PT-FC-844** (Pesticides in fungi)

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

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Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CT-)
MAY	GL325	22 May	26 Jun	601, 602, 603, 604, 605, 606
OCT	GL330	23 Oct	27 Nov	601, 602, 603, 604, 605, 606

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

MICROBIOLOGY SAMPLES				Month and Rounds (GL)		
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	MAY 325	OKT 330
PT-GL-601	25g	Gelatine hydrolysate	Presence / Absence – <i>Salmonella</i> species			
PT-GL-602	10g	Gelatine hydrolysate	Enumeration – Total aerobic mesophilic count Presence / Absence – Coliforms Presence / Absence – <i>Escherichia coli</i> Presence / Absence – Enterobacteriaceae			
PT-GL-603	10g	Gelatine hydrolysate	Presence / Absence – <i>Clostridium perfringens</i> Enumeration – Sulphite-reducing bacteria			
PT-GL-604	10g	Gelatine hydrolysate	Presence / Absence – <i>Staphylococcus aureus</i>			
PT-GL-605	10g	Gelatine hydrolysate	Enumeration – Mesophilic anaerobic spores			

CHEMISTRY SAMPLES				Month and Rounds (GL)		
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	MAY 325	OKT 330
PT-GL-606	100g	Gelatine	Ash; Gel strength (Bloom); Isoelectric point; Moisture; pH; Viscosity			

##Price per round and sample/sample set

For details on the full technical specification of the scheme, please refer to the LGC AXIO [QGS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have increased the sample volume for **PT-GL-606** from 60g to 100g.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
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- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

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Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Quality in Meat & Fish (QMAS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-MT-)
JAN	MT321	16 Jan	20 Feb	731, 732, 733, 734, 747, 749
MAR	MT323	20 Mar	24 Apr	719, 726, 730, 735, 736, 737, 738, 739, 740, 743, 744, 745, 746, 756, 757
MAY	MT325	22 May	26 Jun	720, 731, 732, 733, 734, 741, 742, 748, 749, 752
JUN	MT326	26 Jun	31 Jul	725, 735, 736, 737, 738, 746, 756, 757, 758, 759
JUL	MT327	24 Jul	29 Aug	721, 728, 729, 731, 732, 733, 734, 747, 748, 749, 754, 755
SEP	MT329	18 Sep	23 Oct	718, 722, 726, 727, 730, 735, 736, 737, 738, 739, 740, 741, 743, 744, 745, 746, 756, 757
NOV	MT331	13 Nov	18 Dec	723, 724, 731, 732, 733, 734, 742, 748, 749
DEC	MT332	04 Dec	08 Jan '24	735, 736, 737, 738, 746, 756, 757, 759

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

CHEMISTRY SAMPLES				Month and Rounds (MT)									
Nutritional Information				ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332	
Sample	Quantity	Supplied as	Target Analyte(s)										
PT-MT-728*	150g	Fish product (e.g. breaded)	Energy; Fat; Saturates; Carbohydrate; Dietary fibre; Protein; Salt; Ash; Moisture; Sugar										
PT-MT-730	150g	Dried/cured meat	Energy; Total Fat; Saturates; Cholesterol; Carbohydrate; Total Sugars; Dietary Fibre; Protein; Salt; Ash; Moisture; Sodium; Phosphate; pH										
PT-MT-731	150g	MT321: Cooked meat MT325: Raw meat MT327: Cooked meat MT331: Raw meat	Energy; Total Fat; Saturates; Cholesterol; Carbohydrate; Total Sugars; Dietary Fibre; Protein; Salt; Ash; Moisture; Sodium; Phosphate; pH; Calcium; Potassium; Iron; Magnesium										
PT-MT-733	150g	Meat	Hydroxyproline; Starch; Total fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids										
PT-MT-734	150g	Fish (fresh or processed)	Fat; Protein; Salt; Ash; Moisture; pH										

Elements				Month and Rounds (MT)									
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332	
PT-MT-741	50g	Seafood	Total Arsenic; Cadmium; Zinc; Mercury; Lead; Phosphorus										
PT-MT-742	50g	Fish	Total Arsenic; Cadmium; Zinc; Mercury; Lead; Phosphorus										
PT-MT-747*	50g	Processed meat	Total Arsenic; Cadmium; Zinc; Mercury; Lead										

Authenticity/Identification				Month and Rounds (MT)									
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332	
PT-MT-749*	2 x set of 2 samples (2g each)	MT321: Beef MT325: Lamb MT327: Goat MT331: Pork	Meat authenticity Species stated to be screened for presence of other species of meat, e.g. chicken, pork, horse, beef, lamb. Analytes will vary each round.										
PT-MT-752*	4 x 20g	MT325: Raw fish MT331: Cooked fish	Fish species identification										

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation. ##Price per round and sample/sample set

Proficiency Testing Quality in Meat & Fish (QMAS) 2023

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Additives				Month and Rounds (MT)								
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332
PT-MT-729*	50g	Meat or meat product	Sulfur dioxide									
PT-MT-732	30g	Freeze dried meat	Nitrate; Nitrite									
PT-MT-718* NEW	30g	Freeze-dried Fish	Nitrate; Nitrite									

Contaminants				Month and Rounds (MT)								
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332
PT-MT-748*	150g	Fish	Histamine; Total volatile nitrogen (TVN); Trimethylamine (TMA)									

Veterinary Drug residues				Month and Rounds (MT)								
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332
PT-MT-754*	50g	Prawn	Chloramphenicol									
PT-MT-755*	100g	Beef	Ractopamine (β-agonist)									
PT-MT-719* NEW	10g	Fish	Danofloxacin; Enrofloxacin; Ciprofloxacin; Norfloxacin; Sarafloxacin; Ofloxacin									
PT-MT-720* NEW	10g	Fish	Sulfadimidine; Sulfamethoxazole; Sulfaquinoxaline; Sulfadiazine									
PT-MT-721* NEW	20g	Chicken	Furaltadone Metabolites (AMOZ); Macrochantin Metabolites (AHD); Furacilin Metabolites (SEM); Furazolidone Metabolites (AOZ)									
PT-MT-722* NEW	15g	Pork	Oxytetracycline; Tetracycline; Chlorotetracycline; Doxycycline									
PT-MT-723* NEW	10g	Seafood	Crystal Violet; Malachite Green; Leucomalachite green; Leucocrystal violet									
PT-MT-724* NEW	10g	Chicken	Florfenicol; Thiamphenicol; Chloramphenicol									

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

##Price per round and sample/sample set.

Proficiency Testing Quality in Meat & Fish (QMAS) 2023

APPLICATION FORM

MICROBIOLOGY SAMPLES				Month and Rounds (MT)								
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332
PT-MT-725	2 x 25g	Lyophilised chicken	Detection of <i>Salmonella</i> Typhimurium; <i>Salmonella</i> Enteritidis									
PT-MT-726	Vial ¹ + 10g sample	Lyophilised meat	Enumeration of <i>Campylobacter</i> species									
PT-MT-727	Vial ¹ to be reconstituted	Lyophilised tablets (diluent required)	Detection of <i>Escherichia coli</i> O157**; Detection of <i>Salmonella</i> species									
PT-MT-735	10g	Lyophilised meat	Total aerobic mesophilic count; Enumeration of Enterobacteriaceae; Coliforms; <i>Escherichia coli</i>									
PT-MT-736	150g	Lyophilised meat	Detection of <i>Salmonella</i> species									
PT-MT-737	25g	Lyophilised meat	Detection of <i>Listeria</i> species; <i>Listeria monocytogenes</i> Identification of <i>Listeria</i> species									
PT-MT-738	10g	Lyophilised meat	Total anaerobic mesophilic count Enumeration of <i>Clostridium perfringens</i> ; Sulphite-reducing bacteria; Coagulase positive staphylococci									
PT-MT-739	Vial ¹ + 10g sample	Lyophilised fish/shellfish	Total aerobic mesophilic count Enumeration of Enterobacteriaceae; <i>Escherichia coli</i> ; Coagulase positive staphylococci; Enumeration of Coliforms									
PT-MT-740	Vial ¹ + 25g sample	Lyophilised fish/shellfish	Detection of <i>Salmonella</i> species									
PT-MT-743	Vial ¹ + 25g sample	Lyophilised meat	Detection of <i>Campylobacter</i> species									
PT-MT-744	Vial ¹ + 25g sample	Lyophilised meat	Detection of <i>Escherichia coli</i> O157**									
PT-MT-745	Vial ¹ + 25g sample	Lyophilised fish/shellfish	Detection of <i>Vibrio</i> species; <i>Vibrio parahaemolyticus</i>									
PT-MT-746	10g	Lyophilised meat	Enumeration of <i>Pseudomonas</i> species; Lactic acid bacteria; Yeast; Mould; Yeast and Mould									

**Non-toxicogenic strain; ¹Vial with lyophilized Bacteria; ##Price per round and sample/sample set.

MICROBIOLOGY SAMPLES (continued)				Month and Rounds (MT)								
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	MAR 323	MAY 325	JUN 326	JUL 327	SEP 329	NOV 331	DEC 332
PT-MT-756	2 x vial ¹ + 1 x minimum 20g matrix	Meat powder	<u>Quantitative Package</u> Total aerobic mesophilic count Enumeration of total coliforms; Enterobacteriaceae; <i>Escherichia coli</i> ; <i>Bacillus cereus</i> ; Coagulase positive staphylococci; Yeast; Mould; Yeast and Mould Detection of coagulase positive staphylococci									
PT-MT-757	2 x vial ¹ + 1 x minimum 200g matrix	Meat powder	<u>Qualitative Package</u> Detection of <i>Escherichia coli</i> O157 ^{**} ; <i>Listeria</i> species; <i>Listeria monocytogenes</i> ; <i>Salmonella</i> species Identification of <i>Listeria</i> species									
PT-MT-758	10g	Lyophilised meat	Enumeration of aerobic psychrotrophs									
PT-MT-759	10g	Lyophilised meat	Enumeration of <i>Listeria</i> species; <i>Listeria monocytogenes</i>									

^{**}Non-toxicogenic strain; ¹Vial with lyophilized Bacteria; ##Price per round and sample/sample set.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QMAS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-MT-718** (Nitrate and nitrite analysis of fish and fish products). This will be available in round MT329 (September 2023).
- Sample **PT-MT-719** (Quinolone antibiotics in fish) This will be available in round MT323 (March 2023).
- Sample **PT-MT-720** (Sulfonamides in fish). This will be available in round MT325 (May 2023).
- Sample **PT-MT-721** (Nitrofurans in chicken). This will be available in round MT327 (July 2023).
- Sample **PT-MT-722** (Tetracyclines in pork). This will be available in round MT329 (September 2023).
- Sample **PT-MT-723** (Dyes in sea food). This will be available in round MT331 (November 2023).
- Sample **MT-MT-724** (Chloramphenicol, Florfenicol, Thiamphenicol in chicken). This will be available in round MT331 (November 2023).

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Proficiency Testing Quality in Meat & Fish (QMAS) 2023 APPLICATION FORM

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-MC-)
JAN	MC321	09 Jan	13 Feb	06F; 07D; 08D; 09D; 10D; 15F; 16F; 16D; 17F; 17D; 23F; 24F
FEB	MC322	06 Feb	20 Mar	05F; 06D; 06SP; 07F; 07VG; 09F; 10F; 13F; 16F; 16D; 17F; 18F; 20D; 21; 23D; 26D; 36D; 36SP; 37; 42
MAR	MC323	06 Mar	11 Apr	06F, 06EG, 07F, 08F, 09D, 10F, 16F, 16D, 17F, 17D, 22F, 23F, 24F, 33, 34, 35, 40, 47
APR	MC324	03 Apr	08 May	04F, 06F, 06TE, 07D, 09F, 10D, 11D, 12F, 14D, 15D, 16F, 16D, 17F, 23D, 26F, 29, 38, 39D, 41, 43, 46EG, 48
MAY	MC325	02 May	05 Jun	03, 04D, 06D, 06HB, 07F, 07CH, 08F, 09D, 10F, 16F, 16D, 17F, 17D, 18D, 21, 23D, 24D 24HB, 32, 36D, 36HB, 37, 44, 49
JUN	MC326	05 Jun	10 Jul	06F, 06VG, 07F, 10F, 13F, 16F, 16D, 17F, 20F, 22, 23F, 25F, 26D, 45, 50
JUL	MC327	03 Jul	07 Aug	06F, 07D, 08D, 09D, 10D, 15F, 16F, 16D, 17F, 17D, 23D, 24F, 27
AUG	MC328	07 Aug	11 Sep	04D, 06D, 06HB, 07F, 07HB, 09F, 16F, 16D, 17F, 18F, 21, 23F, 26F, 36D, 36SP, 37
SEP	MC329	04 Sep	09 Oct	05D, 06F, 06CH, 07F, 08F, 09D, 10F, 16F, 16D, 17F, 17D, 22F, 23D, 24F, 33, 34, 35, 40, 41
OCT	MC330	02 Oct	06 Nov	06F, 06CF, 07D, 10F, 11F, 13F, 14D, 15D, 16F, 16D, 17F, 20D, 23D, 25D, 26D, 27, 38, 39D
OCT	MC331	30 Oct	04 Dec	04D, 06D, 06SP, 07F, 08F, 09D, 10D, 16F, 16D, 17F, 17D, 18D, 21, 23F, 24D, 24SP, 32, 36D, 36HB, 37
DEC	MC332	04 Dec	08 Jan 2024	06F, 06NS, 07F, 09F, 10F, 11D, 16F, 16D, 17F, 22F, 23D, 26F

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

				Month and Rounds (MC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-03D	10g	Dairy matrix	Enumeration of <i>Salmonella</i> species													
PT-MC-04F	25g	Food matrix	Detection of <i>Cronobacter</i> species in 10g; <i>Cronobacter</i> species in 25g													
PT-MC-04D	25g	Dairy matrix														
PT-MC-05F	10g	Food matrix	Enumeration of Osmophilic yeast; Osmophilic mould; NEW Osmophilic yeast and mould (ISO 21527-2)													
PT-MC-05D	10g	Dairy matrix														
PT-MC-06F	25g	Food matrix	Detection of <i>Salmonella</i> species													
PT-MC-06D	25g	Dairy matrix														
PT-MC-06EG	25g	Egg powder														
PT-MC-06CF	25g	Chicken faeces														
PT-MC-06VG	25g	Mixed vegetables														
PT-MC-06CH	Vial ^I +25g	Hard cheese														
PT-MC-06NS	Vial ^I +25g	Seeds and nuts														
PT-MC-06TE	Vial ^I +25g	Tea														
PT-MC-06HB	Vial ^I +25g	Herbs														

¹Vial containing lyophilized microorganisms

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

				Month and Rounds (MC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-06SP	Vial ¹ +25g	Spices	Detection of <i>Salmonella</i> species													
PT-MC-07F	25g	Food matrix	Detection of <i>Listeria</i> species; <i>Listeria monocytogenes</i>													
PT-MC-07D	25g	Dairy matrix														
PT-MC-07VG	25g	Mixed vegetables														
PT-MC-07CH	Vial ¹ +25g	Hard cheese														
PT-MC-07HB	Vial ¹ +25g	Herbs														
PT-MC-08F	10g	Food matrix	Enumeration of <i>Listeria</i> species; <i>Listeria monocytogenes</i>													
PT-MC-08D	10g	Dairy matrix														
PT-MC-09F	10g	Food matrix	Enumeration of Enterococci (faecal streptococci)													
PT-MC-09D	10g	Dairy matrix														
PT-MC-10F	10g	Food matrix	Detection of <i>Clostridium</i> species; <i>Clostridium perfringens</i> ; Enumeration of <i>Clostridium perfringens</i> ; <i>Clostridium</i> species													
PT-MC-10D	10g	Dairy matrix														
PT-MC-11F	10g	Food matrix	Enumeration of mesophilic aerobic bacterial spores; Thermophilic aerobic plate count; Thermophilic aerobic bacterial spores; High heat resistant thermophilic aerobic spores (HHR-TSC)													
PT-MC-11D	10g	Dairy matrix														
PT-MC-12F	25g	Food matrix	Detection of <i>Shigella</i> species													
PT-MC-13F	25g	Food matrix	Detection of <i>Vibrio</i> species; <i>Vibrio parahaemolyticus</i>													

¹Vial containing lyophilized microorganisms

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

				Month and Rounds (MC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-14D	25g	Dairy matrix	Detection of <i>Yersinia</i> species; <i>Yersinia enterocolitica</i>													
PT-MC-15F	10g	Food matrix	Total anaerobic mesophilic count Enumeration of anaerobic sulphite-reducing bacteria; Mesophilic anaerobic spores; Sulphite-reducing Clostridium spores													
PT-MC-15D	10g	Dairy matrix														
PT-MC-16F	10g	Food matrix	Total aerobic mesophilic count; Enumeration of Coliforms; Enterobacteriaceae; <i>Escherichia coli</i>													
PT-MC-16D	10g	Dairy matrix														
PT-MC-17F	10g	Food matrix	Enumeration of <i>Staphylococcus</i> species; Coagulase positive staphylococci; <i>Bacillus</i> species; <i>Bacillus cereus</i>													
PT-MC-17D	10g	Dairy matrix														
PT-MC-18F	10g	Food matrix	Detection of <i>Escherichia coli</i> ; Enterobacteriaceae; Coliforms Enumeration of <i>Escherichia coli</i> ; Enterobacteriaceae; Coliforms													
PT-MC-18D	10g	Dairy matrix														
PT-MC-20F	10g	Food matrix	Enumeration of <i>Escherichia coli</i> ; Thermotolerant coliforms													
PT-MC-20D	10g	Dairy matrix														
PT-MC-21	Vial	Vial	Detection of <i>Campylobacter</i> species													
PT-MC-22F	25g	Food matrix	Detection of <i>Escherichia coli</i> O157 (non-toxigenic strain)													
PT-MC-22D	25g	Dairy matrix														
PT-MC-23F	10g	Food matrix	Enumeration of Yeast; Mould; Yeast and Mould (ISO 21527-1)													
PT-MC-23D	10g	Dairy matrix														

¹Vial containing lyophilized microorganisms;

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

				Month and Rounds (MC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-24F	10g	Food matrix	Enumeration of lactic acid bacteria													
PT-MC-24D	10g	Dairy matrix														
PT-MC-24HB	Vial ¹ +10g	Herbs														
PT-MC-24SP	Vial ¹ +10g	Spices														
PT-MC-25F	10g	Food matrix	Enumeration of aerobic psychrotrophic organisms													
PT-MC-25D	10g	Dairy matrix														
PT-MC-26F	10g	Food matrix	Enumeration of <i>Pseudomonas</i> species Detection of <i>Pseudomonas</i> species													
PT-MC-26D	10g	Dairy matrix														
PT-MC-27	Vial ¹	Vial to represent 10g sample	Enumeration of <i>Bifidobacterium</i> species; <i>Lactobacillus</i> species; Combined Enumeration of <i>Lactobacillus</i> species and <i>Bifidobacterium</i> species													
PT-MC-29	Vial ¹ +10g	Tea	Total aerobic mesophilic count; Enumeration of Coliforms; Coagulase positive staphylococci; Yeast; Mould; Yeast and Mould													
PT-MC-32	Vial ¹	Vial	Enumeration of <i>Campylobacter</i> species													
PT-MC-33	Vial ¹	Vial	Identification of unknown organism (non pathogen)													
PT-MC-34	Vial ¹	Vial	Identification of <i>Salmonella</i> species													
PT-MC-35	-	Paper exercise	Colony count and calculation of number of microorganisms													

¹Vial containing lyophilized microorganisms;

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

				Month and Rounds (MC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-36D	2 x Vial ¹ + min 20g sample	Dairy matrix	Quantitative Package (2 samples) Total aerobic mesophilic count Enumeration of total coliforms; Enterobacteriaceae; <i>Escherichia coli</i> ; <i>Bacillus cereus</i> ; Coagulase positive <i>staphylococci</i> ; Yeast; Mould; Yeast and mould Detection of coagulase positive staphylococci													
PT-MC-36HB	2 x Vial ¹ + min 20g sample	Herbs														
PT-MC-36SP	2 x Vial ¹ + min 20g sample	Spices														
PT-MC-37	2 x Vial ¹ + min 200g sample	Dairy matrix	Qualitative Package (2 samples) Detection of <i>Escherichia coli</i> O157 (non-toxigenic strain); <i>Listeria</i> species; <i>Listeria monocytogenes</i> ; <i>Salmonella</i> species; Identification of <i>Listeria</i> species													
PT-MC-38	Vial ¹ + min 20g sample	Dairy matrix	Detection of <i>Clostridium perfringens</i> ; Coagulase positive staphylococci													
PT-MC-39D	10g	Dairy matrix	Bacterial level by Bactoscan; Bacterial level by colony count													
PT-MC-40	Vial ¹ + min 375g sample	Dairy matrix	Detection of <i>Salmonella</i> species in 375g													
PT-MC-41 – Ready meal	Vial ¹ +10g	Dried food matrix	Total aerobic mesophilic count Enumeration of Coliforms; Coagulase positive Staphylococci; Yeast; Mould; Yeast and Mould; Enterobacteriaceae													
PT-MC-42	Vial ¹ + 25g	Dairy matrix	Detection of <i>Cronobacter</i> species (low level)													
PT-MC-43	Vial ¹ + min 375g sample	Dairy matrix	Detection of <i>Cronobacter</i> species in 375g													
PT-MC-44	Vial ¹ + min 375g sample	Food matrix	Detection of <i>Escherichia coli</i> O157 (non-toxigenic strain); <i>Listeria</i> species; <i>Listeria monocytogenes</i> ; <i>Salmonella</i> species Identification of <i>Listeria</i> species													
PT-MC-45	Vial ¹ + 10g	Fruit	Enumeration of thermophilic acidophilic bacteria (<i>Alicyclobacillus spp</i>); Detection of guaiacol producing thermophilic acidophilic bacteria													

¹Vial containing lyophilized microorganisms

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

Sample	Quantity	Supplied as	Target Analyte(s)	ALL	Month and Rounds (MC)											
					JAN 321	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	AUG 328	SEP 329	OCT 330	OCT 331	DEC 332
PT-MC-46EG	2 x 25g	Egg powder	Detection of <i>Salmonella</i> Typhimurium and/or <i>Salmonella</i> Enteritidis (2 samples)													
PT-MC-47 NEW	Vial ¹ + 125g matrix	Dairy matrix	Detection of <i>Listeria</i> species; <i>Listeria monocytogenes</i> in 125g													
PT-MC-48* NEW	2 x Vial ¹ + 100g matrix	Infant formula	Detection of <i>Salmonella</i> species in 25g; <i>Cronobacter</i> species in 10g or 25g (2 samples)													
PT-MC-49* NEW	2 x glass slide	Glass slide	Gram staining; Shape identification; Presence of spores (2 samples)													
PT-MC-50* NEW	Vial ¹ + 10g matrix	Cheese matrix	Enumeration of Enterobacteriaceae; Coliforms; Coagulase positive <i>staphylococci</i>													

¹Vial containing lyophilized microorganisms

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Please note that a volume discount may apply to this price, depending on the number of QMS PT Scheme samples purchased. Please see page 9 for further details.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QMS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Samples purchased per order	% Volume Discount
1-5	0
6-9	10
10-19	17
20-29	27
30-49	30
50+	33

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-MC-47** (Detection of *Listeria* species in 125g milk powder). This will be available in round MC323 (March 2023).
- Sample **PT-MC-48** (Pathogens in Infant formula) This will be available in round MC324 April 2023).
- Sample **PT-MC-49** (Microscopical Identification). This will be available in round MC325 (May 2023).
- Sample **PT-MC-50** (Indicator organisms in cheese). This will be available in round MC326 (June 2023).

We have introduced a new analyte as follows:

- Combination of Enumeration of osmophilic yeast and osmophilic mould added to sample **PT-MC-05** (Enumeration of osmophilic yeast and mould (ISO 21527-2))

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	Renew ALY
Customer	Year for PY
Site	Dt
Currency	Doc Text
Delivery address	Quotation
PO no	Other
Carriage	Additional

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Chemistry				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-BA)
JAN	BA355	23 Jan	27 Feb	01L, 02L, 03, 05
FEB	BA357	20 Feb	27 Mar	01L, 02L, 01B, 03, 05
MAR	BA358	20 Mar	24 Apr	01L, 02L, 03, 05, 07A
APR	BA360	17 Apr	22 May	01L, 02L, 03, 05, 08
MAY	BA361	22 May	26 Jun	01L, 02L, 01B, 03, 05, 07B
JUN	BA363	19 Jun	24 Jul	01L, 02L, 03, 05
JUL	BA364	17 Jul	21 Aug	01L, 02L, 03, 05
AUG	BA366	21 Aug	25 Sep	01L, 02L, 01B, 03, 05
SEP	BA367	18 Sep	23 Oct	01L, 02L, 03, 05, 07A
OCT	BA369	16 Oct	20 Nov	01L, 02L, 03, 05, 08
NOV	BA370	13 Nov	18 Dec	01L, 02L, 01B, 03, 05
DEC	BA372	11 Dec	22 Jan 2024	01L, 02L, 03, 05, 07B

Microbiology				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-BA)
JAN	BA356	30 Jan	06 Mar	04
APR	BA359	03 Apr	08 May	04
MAY	BA362	30 May	03 Jul	04
AUG	BA365	31 Jul	04 Sep	04
SEP	BA368	25 Sep	30 Oct	04
NOV	BA371	27 Nov	15 Jan '24	04

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Chemistry samples					Month and Rounds (BA)											
Sample	Quantity	Supplied As	Target Analyte(s)	ALL	JAN 355	FEB 357	MAR 358	APR 360	MAY 361	JUN 363	JUL 364	AUG 366	SEP 367	OCT 369	NOV 370	DEC 372
PT-BA-01L	4 x cans/bottles 440ml or greater	Lager	Chemical analysis of a range of key brewing analytes that are routinely analysed in the brewing industry													
PT-BA-02L	4 x cans/bottles 440ml or greater	Lager	Chemical analysis of a range of additional analytes that complement those provided by sample 1L/B.													
PT-BA-01B	4 x cans/bottles 440ml or greater	Ale (bitter):	Chemical analysis of a range of key brewing analytes that are routinely analysed in the brewing industry													
PT-BA-03	1 x can/bottle 330ml or greater	High colour ale: BA355; BA357; BA360; BA361; BA364; BA366; BA369; BA370 High bitter ale: BA358; BA363; BA367; BA372	Chemical analysis (ABV; Bitterness; Colour; Iso- α -acids; Tetra iso- α -acids; Free Diacetyl; Total Diacetyl; Free 2,3-Pentanedione; Total VDK)													
PT-BA-05	4 x cans/bottles 440ml or greater	Lager or ale	Evaluation of aroma and taste characteristics by sensory panels													
PT-BA-07A	1 x can/bottle 330mL or greater	Alcohol free beer	Chemical analysis (ABV; Apparent gravity; Bitterness; Colour; pH)													
PT-BA-07B	1 x can/bottle 330mL or greater	Low alcohol beer	Chemical analysis (ABV; Apparent gravity; Bitterness; Colour; pH)													
PT-BA-08*	2 x cans/bottles 330ml or greater	Beer	Low level gluten beer for Chemical Analysis													

Microbiology samples					Month and Rounds (BA)					
Sample	Quantity	Supplied As	Target Analyte(s)	ALL	JAN 356	APR 359	MAY 362	JUL 365	SEP 368	NOV 371
PT-BA-04	2 x 10ml	Lyophilised test materials (one low-level and one high-level)	Enumeration – Total aerobic microbial count Enumeration – Total anaerobic microbial count Enumeration – Total aerobic bacterial count Enumeration – Wild yeast Enumeration – Lactic acid bacteria Identification of microorganisms							

*Please note that this sample is not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [BAPS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):

Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Sample reference	%Discount for taking all rounds
PT-BA-01L	40%
PT-BA-02L	40%
PT-BA-01B**	N/A
PT-BA-03	40%
PT-BA-04	20%
PT-BA-05	40%
PT-BA-07A	N/A
PT-BA-07B	N/A
PT-BA-08	N/A

**Please note that 12 rounds of lager and ale (bitter) combined will also be eligible for the 40% discount, e.g. all 4 rounds of ale (bitter) plus 8 rounds of lager or 2 rounds of ale (bitter) plus 10 rounds of lager.

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat/Duplicate samples	Price per sample
PT-BA-01L, 01B, 04 and 05	These samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.
PT-BA-02L, 03, 07A, 07B and 08	Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We following changes have been done:

- Arsenic, Cadmium and Lead into sample **PT-BA-02L** (Lager for Chemical Analysis)
- We have removed 'colour at 530nm' from sample **PT-BA-03** (Analysis of samples with high bitterness and/or high colour content)

GENERAL NOTES

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- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Alcoholic Drinks (DAPS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-DP)
JAN	DP112	30 Jan	06 Mar	A1, A2, B1, B2-A, B3-A, B4, C1, D1, D2, E1, E2
APR	DP113	24 Apr	30 May	A1, A2, B1, B2-B, B3-B, B4, B5, C1, D1, D2, E1, E2, E3
AUG	DP114	31 Jul	04 Sep	A1, A2, B1, B2-C, B3-C, B4, C1, D1, D2, E1, E2
OCT	DP115	23 Oct	27 Nov	A1, A2, B1, B2-D, B3-B, B4, B5, C1, D1, D2, E1, E2, E3

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Quantity	Supplied as	Month and Rounds (DP)				
			ALL	JAN 112	APR 113	AUG 114	OCT 115
PT-DP-A1 Fermented Wort	500mL	Fermented Wort (fermented wash)					
PT-DP-A2 Simulated Wort	250mL	Simulated Wort					
PT-DP-B1 Scotch Whisky	300mL	Commercially available Scotch Whisky					
PT-DP-B2-A Bourbon	300mL	Bourbon					
PT-DP-B2-B Dark Rum	300mL	Dark Rum					
PT-DP-B2-C Brandy	300mL	Brandy					
PT-DP-B2-D Irish Whisky	300mL	Irish Whisky					
PT-DP-B3-A Gin	300mL	Gin					
PT-DP-B3-B Vodka	300mL	Vodka					
PT-DP-B3-C White Rum	300mL	White Rum					
PT-DP-B4 Simulated Spirit	250mL	Simulated Spirit					
PT-DP-B5 Esters	100mL	Non chill filtered whisky					
PT-DP-C1 Ciders	2 bottles or cans	Commercially available cider					

Proficiency Testing Alcoholic Drinks (DAPS) 2023

APPLICATION FORM

				Month and Rounds (DP)				
Sample	Quantity	Supplied as	Additional Information	ALL	JAN 112	APR 113	AUG 114	OCT 115
PT-DP-D1 White/ Rosé wine	500mL	Commercially available White or Rosé wine	Participants should ensure that they analyse the samples for sulfur dioxide within three days of sample receipt.					
PT-DP-D2 Red wine	500mL	Commercially available Red wine						
PT-DP-E1 Fruit Flavoured Drink (ABV<10%)	2 bottles or cans	Commercially available 'ready to drink' beverages	Provided in original packaging					
PT-DP-E2 Liqueur (ABV 20-40%)	300mL	Commercially available liqueur	-					
PT-DP-E3 Cream Liqueur	300mL	Commercially available cream liqueur	-					

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [DAPS Scheme Description](#)

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):	Purchase order no. (optional):
---------------------------------------	--------------------------------

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/en/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

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- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Samples purchased per annum	Discount
1-4	0,0%
5-8	5,0%
9-12	10,0%
13-17	15,0%
18-21	20,0%
22-30	25,0%
31+	40,0%

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Due to low participation numbers we have removed the following analytes:

- Ascorbic acid and Refractive Index (20°C) removed from sample **PT-DP-E1** ('Ready to drink' beverages)
- Volatile acidity, Acetal, 2 Methyl butanol, 3 Methyl butanol and Furfural removed from sample **PT-DP-E2** (Liqueur)
- Residue, iso-Butanol, 2+3 Methyl butanols, Furfural, Total Brix, Refractive Index (20°C) and Total solids removed from sample **PT-DP-E3** (Cream Liqueur)

GENERAL NOTES

Please note:

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- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.

- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Malt Analytes (MAPS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-MP-)
JAN	MP313	09 Jan	13 Feb	01 02, 05
FEB	MP314	06 Feb	13 Mar	01, 02, 04A
MAR	MP315	06 Mar	11 Apr	01, 02, 03
APR	MP316	03 Apr	08 May	01, 02, 06
MAY	MP317	02 May	05 Jun	01, 02, 04B
MAY	MP318	05 Jun	10 Jul	01, 02, 03, 07
JUL	MP319	03 Jul	07 Aug	01 02, 05
AUG	MP320	07 Aug	11 Sep	01, 02, 04A
SEP	MP321	04 Sep	09 Oct	01, 02, 03, 06
OCT	MP322	02 Oct	06 Nov	01, 02
OCT	MP323	30 Oct	04 Dec	01, 02, 04B
DEC	MP324	04 Dec	15 Jan 2024	01, 02, 03, 07

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

				Month and Rounds (MP)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 313	FEB 314	MAR 315	APR 316	MAY 317	MAY 318	JUL 319	AUG 320	SEP 321	OCT 322	OCT 323	DEC 324
PT-MP-01	2 x 1000ml	Malt	Brewers and Distiller malt for chemical analysis (Rounds MP316 and MP322 are peated malt)													
PT-MP-02	1 x 1000ml	Barley	Barley for chemical analysis													
PT-MP-03	2 x 100g	Malt flour (sample and blank**)	Malt flour for mycotoxin analysis (Ochratoxin A; Deoxynivalenol)													
PT-MP-04A	1 x 300ml	Black malt	Black malt for chemical analysis (Moisture; Colour)													
PT-MP-04B	1 x 300ml	Crystal malt	Crystal malt for chemical analysis (Moisture; Colour; Degrees of crystallisation)													
PT-MP-05	1 x 200g	Flour based matrix	Malt flour for NDMA analysis													
PT-MP-06	1 x 1000ml	Malt	High diastatic power malt for chemical analysis													
PT-MP-07*	1 x 1000ml	Malted wheat	Malted wheat for chemical analysis													

*Please note that this sample is not currently within the scope of LGC's UKAS accreditation.

**Blank material supplied as a quality control material only (results are not required to be returned for this material).

Please note that a volume discount may apply to this price, depending on the number of Malt Analytes (MAPS) PT Scheme samples purchased. Please see page 4 for further details.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [MAPS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

I wish my ID number to be published with my company name in reports: Yes ☐ No ☐

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Sample Reference (PT-MP-)	% Discount for taking <u>all</u> available rounds
01	40.0%
02	40.0%
01 & 02	40.0%
03	N/A
04A	N/A
04B	N/A
05	N/A
06	N/A
07	N/A

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new analytes as follows:

- Saccharification time added to sample **PT-MP-01** (Malt)
- Water sensitivity added to sample **PT-MP-02** (Barley)

GENERAL NOTES

Please note:

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- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
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- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
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- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Delivery Period	Reporting Deadline	Samples Available (PT-BV)
FEB	BV322	20 Feb	27 Mar	500, 501, 510, 515, 516, 517, 521, 524
MAY	BV325	22 May	26 June	500, 501, 505, 506, 507, 510, 514, 515, 516, 517, 518, 522, 524, 525, 526, 527
AUG	BV328	07 Aug	11 Sep	500, 501, 510, 515, 516, 517, 520, 524
NOV	BV331	20 Nov	08 Jan 2024	500, 501, 505, 510, 514, 515, 516, 517, 519, 524

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

MICROBIOLOGY SAMPLES			Month and Rounds (BV)				
Sample	Supplied as	Target Analyte(s)	ALL	FEB 322	MAY 325	AUG 328	NOV 331
PT-BV-500 Fruit Juice	Lyophilised test material plus 90ml Simulated Fruit Juice diluent and 10ml primary diluent	Total aerobic mesophilic count Enumeration of Yeast; Mould; Lactic acid bacteria Detection of <i>Escherichia coli</i>					
PT-BV-501 Soft Drink	Lyophilised test material plus 90ml Simulated Soft Drink diluent and 10ml primary diluent	Total aerobic mesophilic count Enumeration of Yeast; Mould; Lactic acid bacteria Detection of <i>Escherichia coli</i>					
PT-BV-505 Filtration	Lyophilised test material final volume 1L (Diluent not provided)	Total aerobic mesophilic count Enumeration of Yeast; Mould; Lactic acid bacteria Detection of <i>Escherichia coli</i>					
PT-BV-506 Filtration	Lyophilised test material final volume 1L (Diluent not provided)	Enumeration of Thermophilic acidophilic bacteria (<i>Alicyclobacillus spp</i>) Detection of Guaiacol producing thermophilic acidophilic bacteria					
PT-BV-507 Fruit Juice	Lyophilised test material plus 100ml Simulated Fruit Juice	Detection of Salmonella species; <i>Listeria monocytogenes</i> ; <i>Escherichia coli</i> O157					

CHEMISTRY SAMPLES				Month and Rounds (BV)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	MAY 325	AUG 328	NOV 331
PT-BV-510 Fruit Juice	125mL	BV322: Orange BV325: Apple BV328: Grapefruit BV331: Cranberry	Brix; Acidity (as Citric Acid Monohydrate); pH; Fructose; Glucose; Calcium; Phosphorus; Potassium; Magnesium; Sodium					
PT-BV-514	100mL	Liquid test material	Ascorbic Acid (Vitamin C)					
PT-BV-515 Soft Drink	2 x 330mL	Carbonated soft drink	Brix; Acidity (as Citric Acid Monohydrate); pH; Carbon Dioxide; Fructose; Glucose; Sucrose					
PT-BV-516 Soft Drink degassed	2 x 250mL	Degassed soft drink (samples A and B)	Sample A: Benzoic Acid; Caffeine; Sulfur Dioxide (Free and Total); Sorbic Acid (as free acid); Phosphoric Acid Sample B: Acesulfame K; Aspartame; Cyclamic acid (as free acid); Saccharin (as free imide); Sucralose					

CHEMISTRY SAMPLES (continued)				Month and Rounds (BV)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 322	MAY 325	AUG 328	NOV 331
PT-BV-517 Soft Drink dilutable/ ready to drink	2 x 250mL	BV322: Dilutable drink BV325: Ready to drink BV328: Dilutable drink BV331: Ready to drink	Sample A: Acidity (as Citric Acid Monohydrate); Benzoic Acid; Brix; Caffeine; Sulfur Dioxide (Free and Total); pH; Sorbic Acid (as free acid) Sample B: Acesulfame K; Aspartame; Cyclamic acid (as free acid); Fructose; Glucose; Saccharin (as free imide); Sucrose; Sucralose					
PT-BV-518 Fruit Juice	100mL	Orange juice test material	Antimony; Arsenic; Cadmium; Iron; Lead; Tin; Zinc					
PT-BV-519 Soft Drink	100mL	Soft drink test material	Antimony; Arsenic; Cadmium; Iron; Lead; Tin; Zinc; Calcium; Phosphorus; Potassium; Magnesium; Sodium; Aluminium**; Manganese** Copper**, Selenium**					
PT-BV-520 Fruit Juice	60mL	Apple juice test material	Patulin (corrected for recovery)					
PT-BV-521 Soft Drink	250mL	Soft drink test material	Nicotinamide (Vitamin B3); Pantothenic acid (Vitamin B5); Pyridoxine (Vitamin B6); Cyanocobalamin (Vitamin B12); Ascorbic acid (Vitamin C); DL- α -Tocopherol (Vitamin E); Riboflavin (Vitamin B2)**					
PT-BV-522 Soft Drink	125mL	Soft drink test material	Total steviol glycosides; Rebaudioside A					
PT-BV-524* Carbonated Water	2 x 500mL	Carbonated Water test material	Carbon dioxide; Conductivity (20°); pH; Dry residue (180°); Calcium; Magnesium; Potassium; Sodium; Bicarbonate; Chloride; Sulfate; NEW Total Hardness; NEW Total Dissolved solids					
PT-BV-525* Smoothie	250mL	Smoothie test material	Energy; Fat; Saturates; Carbohydrate; Total Sugars; Fructose; Sucrose; Protein; Salt; Sodium; Dietary Fibre; pH					
PT-BV-526* Energy drink	1 x bottle or can	Energy drink test material	Energy; Carbohydrate; Total Sugars; Fructose; Sucrose; Salt; Sodium; pH; Caffeine; NEW Taurine					
PT-BV-527* Powdered beverage NEW	50g	Powdered beverage	Vitamin E; Vitamin A					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Analytes marked with an asterisk are not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QBS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de@lgcgroup.com) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new sample as follows:

- Sample **PT-BV-527** (Vitamin E and Vitamin A in powdered beverage sample). This will be available in round BV325 (May 2023).

We have introduced a number of new analytes as follows:

- Total Hardness and Total Dissolved solids in sample **PT-BV-524** (Carbonated Water)
- Taurine in sample **PT-BV-526** (Energy drink)

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
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- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Chemistry				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-PC)
JAN	PC246	16 Jan	13 Feb	01, 10
	PC247		13 Mar	01, 03, 04
	PC248		11 Apr	01
APR	PC249	11 Apr	08 May	01, 02, 05
	PC250		05 Jun	01, 03, 04, 11
	PC251		03 Jul	01, 07
JUN	PC252	12 Jun	10 Jul	01, 10
	PC253		07 Aug	01, 03, 04
	PC254		04 Sep	01
OCT	PC255	23 Oct	20 Nov	01, 02, 05
	PC256		18 Dec	01, 03, 04
	PC257		15 Jan 24	01, 07

Microbiology				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-SM)
MAR	SM248	27 Mar	24 Apr	06, 08
SEP	SM254	18 Sep	16 Oct	06, 08

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

CHEMISTRY				Month and Rounds (PC)												
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 246	JAN 247	JAN 248	APR 249	APR 250	APR 251	JUL 252	JUL 253	JUL 254	OCT 255	OCT 256	OCT 257
PT-PC-01	300mL	Pot of cane/beet sugar	Colour; Turbidity; Ash; Reflectance grade													
PT-PC-02	200g	Bag of cane/beet sugar	Arsenic; Lead; Copper; Iron; Cadmium**; Mercury**													
PT-PC-03	300mL	Pot of cane/beet sugar	Sulfur dioxide; Reducing sugars; Polarisation													
PT-PC-04	500mL	Pot of cane/beet sugar	Sediment (insoluble)													
PT-PC-05	200g of molasses	PC249: Cane PC255: Beet	Sucrose; Reducing sugars; pH; Dry substance; Sulfated ash; Fermentable sugars**, Colour**; NEW Total sugar as invert sugar (TSAI); NEW Total sugar as reducing sugar (TSRS)													
PT-PC-07	500g	Raw sugar	Ash; Colour; Dextran; Moisture; Polarisation; Reducing sugars; Starch													
PT-PC-10*	75g	Cane or beet sugar	Moisture													
PT-PC-11*	350g	High fructose corn syrup (HFCS)	Ash; Colour; Sucrose; Fructose; pH; Polarisation; Reducing sugars													

MICROBIOLOGY				Month and Rounds (SM)		
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	MAR 248	SEP 254
PT-SM-06	10mL vial	Lyophilised material	Total aerobic mesophilic count Enumeration of Yeast; Mould; Osmophilic yeast; Osmophilic mould			
PT-SM-08	10mL vial	Lyophilised material	Enumeration of Thermophilic acidophilic bacteria (<i>Alicyclobacillus</i> spp) Detection of Guaiacol producing thermophilic acidophilic bacteria			

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Analytes marked with an asterisk are not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [SUPS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://axiopt.de@lgcgroup.com) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Sample Reference	% Discount for taking all available rounds
01	10%
02	N/A
03	10%
04	10%
05	N/A
06 (Micro)	N/A
07	N/A
08 (Micro)	N/A
10	N/A
11	N/A

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

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CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have added the below new analytes:

- Total sugar as invert sugar (TSAI) and Total sugar as reducing sugar (TSRS) added to sample **PT-PC-05** (Chemical analysis of molasses).

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

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FOR INTERNAL USE ONLY

	CHEM	MICRO
Name		
Customer		
Site		
Currency		
Delivery address		
PO no		
Carriage		

	CHEM	MICRO
Renew ALY		
Year for PY		
Dt		
Doc Text		
Quotation		
Other		
Additional		

Please complete all sections below and return to:
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 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-AR-)
JAN	AR055	16 Jan	20 Feb	01, 1A, 1B, 1C, 05, 06, 07, 08, 09, 11, 12, 12A, 14, 18, 19, 21, 33, 34, 36, 37, 38
MAY	AR056	15 May	19 Jun	01, 1A, 1B, 1C, 2X, 2F, 2I, 05, 06, 07, 08, 11, 12, 13, 21, 22, 31, 32, 33, 35, 38, 39
JUN	AR057	19 Jun	25 Sep	03, 04, 17, 40
JUL	AR058	17 Jul	21 Aug	01, 1A, 1B, 1C, 2X, 2F, 2I, 05, 06, 07, 08, 09, 10B, 11, 12, 12A, 14, 18, 22, 32, 33, 36, 37, 38
SEP	AR059	18 Sep	23 Oct	01, 1A, 1B, 1C, 05, 06, 07, 08, 10A, 11, 12, 13, 16, 21, 31, 33, 34, 35, 38, 39
NOV	AR060	20 Nov	11 Mar 2024	03, 04, 17, 40

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Sample **PT-AR-18** is subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Workplace Air			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-01# - Metals	4 x spiked membrane filters 25mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese#; Nickel; Lead; Zinc							
PT-AR-1A* - Metals	4 x spiked cassette capsules 37mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc							
PT-AR-1B - Metals	4 x spiked membrane filters 37mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc							
PT-AR-1C* - Metals	4 x spiked Zefon DIS filter inserts 25mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc							
PT-AR-2X - <u>Direct</u> Measurement of Quartz by XRD	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by XRD (by direct analysis of filters supplied)							
PT-AR-2F - <u>Direct</u> Measurement of Quartz by FTIR	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by FTIR (by direct analysis of filters supplied)							
PT-AR-2I - Indirect Measurement of Quartz by XRD or FTIR	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by either XRD or FTIR (by indirect analysis, i.e. by ashing and redeposition onto analytical filter or by KBr disc)							
PT-AR-03** - Dust	4 x spiked glass fibre filters 25mm Ø	Dust by gravimetry (mass of solids)							
PT-AR-04** - Dust	4 x spiked glass fibre filters 37mm Ø	Dust by gravimetry (mass of solids)							
PT-AR-05 - VOCs	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)	Benzene; Toluene; Xylene; Ethyl benzene							
PT-AR-06 - VOCs	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)	1,1,1-Trichloroethane; n-Hexane; n-Butyl acetate; Tetrachloroethene; Trichloroethylene							
PT-AR-07 - VOCs	4 x spiked Tenax thermal desorption tubes (workplace air levels)	Benzene; Toluene; Xylene; Ethyl benzene							
PT-AR-08 - Aldehydes	4 x spiked glass fibre filters 25mm Ø	Formaldehyde; Acetaldehyde							

#For sample PT-AR-01, the manganese measurand is not currently included in LGC's UKAS scope of accreditation; *Please note that these samples are not currently within the scope of LGC's UKAS accreditation;

**Filters are despatched to participants in order for them to weigh and then should be returned to LGC AXIO PT (Bury, UK) for spiking. LGC AXIO PT then re-send the spiked filters back to the participants for reweighing. Please see page 5 for further details.

Workplace Air (continued)			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-09 - Cr (VI)	4 x spiked NaOH treated Millipore PVDF filters 25mm Ø	Chromium (VI)							
PT-AR-10A* - Metals****	1 x bulk welding fume sample	Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Zinc ****							
PT-AR-10B* - Lead	1 x bulk lead-containing dust sample	Lead							
PT-AR-16* - Diesel fume	4 x dynamically loaded quartz fibre filters 25mm Ø	Elemental carbon							
PT-AR-18* - Beryllium	4 x spiked mixed cellulose ester filter 37mm Ø	Beryllium							
PT-AR-19* - Cr (VI)	1 x bulk chromate-containing welding fume or paint dust sample	Chromium (VI)							

Ambient Air			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-11 - NO ₂	4 x dynamically loaded Palmes type diffusion tubes	Nitrogen dioxide (as nitrite)							
PT-AR-12 - VOCs	4 x dynamically loaded Tenax thermal desorption tubes (ambient air levels)	Benzene; Toluene; Xylene; Ethyl benzene							
PT-AR-12A* - VOCs	4 x dynamically loaded Carbopack thermal desorption tubes (ambient air levels)	Benzene; Toluene; Xylene; Ethyl benzene							
PT-AR-13* - Metals	4 x spiked quartz fibre filters 47mm Ø	Antimony; Arsenic; Cadmium; Nickel; Lead							
PT-AR-14 - Anions on filters	4 x spiked quartz fibre filters 47mm Ø	Chloride; Nitrate; Sulfate							
PT-AR-17* - Dust**	4 x spiked quartz fibre filters 47mm Ø	Dust by gravimetry (mass of solids)							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Filters are despatched to participants in order for them to weigh and then should be returned to LGC AXIO PT (Bury, UK) for spiking. LGC AXIO PT then re-send the spiked filters back to the participants for reweighing.

Please see page 5 for further details. ****For sample **PT-AR-10A** one or more of the listed elements will be included in each round

Indoor/Chamber Air			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-21 - VOCs (Material Emission Testing)	4 x dynamically loaded Tenax thermal desorption tubes at chamber air levels	Benzene; n-Hexane; Toluene; Butyl acetate; MIBK; p-Xylene; Diacetyl#; Phenol; 124-TMB; Limonene; 4-PCH; Dodecane; NEW Styrene							
PT-AR-22#- VOCs (Qualitative determination)	2 x dynamically loaded Tenax thermal desorption tubes at chamber air levels	Qualitative determination of VOCs including alcohol, aliphatic, aromatic, ester, halocarbon and terpene compounds							

Stack Emissions			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-31 - Mercury	1 x potassium permanganate & sulfuric acid impinger Solution containing mercury	Volume; Mercury							
PT-AR-32 - Mercury	1 x potassium dichromate & nitric acid impinger solution containing mercury	Volume; Mercury							
PT-AR-33 - Metals	1 x nitric acid impinger solution containing up to 6 trace metals	AR055 – Volume, Sb, Cd, Co, Mn, Se#, V AR056 – Volume, As, Cr, Cu, Pb, Ni, Th AR058 – Volume, Sb, Cd, Co, Mn, Ni, V AR059 – Volume, As, Cr, Cu, Pb, Se#, Th							
PT-AR-34 - Sulfur dioxide	1 x hydrogen peroxide impinger solution containing SO ₂	Volume; Sulfur dioxide							
PT-AR-35 - Hydrogen fluoride	1 x sodium hydroxide impinger Solution containing HF	Volume; Hydrogen fluoride							
PT-AR-36 - Hydrogen chloride	1 x aqueous impinger solution containing hydrogen chloride	Volume; Hydrogen chloride							
PT-AR-37 – Ammonia	1 x sulfuric acid impinger Solution containing ammonia	Volume; Ammonia							
PT-AR-38* - Metals	1 x quartz filter spiked with up to 6 trace elements and fly ash 47mm Ø	AR055 – As, Cr, Cu, Pb, Ni, V AR056 – Sb, Cd, Co, Mn, Se, Th AR058 – As, Cr, Cu, Pb, Ni, Th AR059 – Sb, Cd, Co, Mn, Se, V							

#For sample PT-AR-21, the diacetyl measurand is not currently included in LGC's UKAS scope of accreditation;

#For sample PT-AR-22, See Appendix B in the [AIR PT Scheme Description](#) for compound listing.

#For sample PT-AR-33, Selenium is not currently included in LGC's UKAS scope of accreditation.

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Stack Emissions (continued)			Month and Rounds (AR)						
Sample	Supplied as	Target Analyte(s)	ALL	JAN 055	MAY 056	JUN 057	JUL 058	SEP 059	NOV 060
PT-AR-39* - Dust analysis (solution)	1 x rinsing Solution containing dissolved and suspended solids	Total solids							
PT-AR-40** - Dust analysis (filter)**	4 x spiked quartz filters 47mm Ø	Dust analysis (mass of solids)							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Filters are despatched to participants in order for them to weigh and then should be returned to LGC AXIO PT (Bury, UK) for spiking. LGC AXIO PT then re-send the spiked filters back to the participants for reweighing. Please see page 5 for further details.

Dust Filter Samples (3, 4, 17 and 40) Distribution Schedule

For the dust filter samples (**PT-AR-03**, **PT-AR-04**, **PT-AR-17** and **PT-AR-40**), four filters are despatched to participants in order for them to weigh. Participants then ship the filters back to LGC AXIO PT (Bury, UK) for spiking. LGC AXIO PT re-send the spiked filters back to the participants for reweighing who then report the results (initial value; reweighing value; calculated difference) to LGC AXIO PT via PORTAL for assessment. Dust filter sample specific dates:

Round	Despatch Date (week commencing)	Filters required back at LGC by	Filters re-despatch date (week commencing)	Reporting Deadline
AR057	19 Jun	24 Jul	29 Aug	02 Oct
AR060	20 Nov	08 Jan 2024	12 Feb	18 Mar

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [AIR Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

20% discount available when purchasing all rounds for the following samples

01, 1A, 1B, 1C, 2X, 2F, 2I, 03, 04, 05, 06, 07, 08, 09, 11, 12, 12A, 13, 14, 17, 18, 21, 22, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat/Duplicate samples	Price per sample
7, 12, 12A, 21 and 22	Full Price
3, 4, 17 and 40	Repeat samples are not available for the dust filters. Additional samples can be purchased at full Price.
1, 1A, 1B, 1C, 2X, 2F, 2I, 5, 6, 8, 9, 10A, 10B, 11, 13, 14, 16, 18, 19, and 31 - 39	These samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Due to low participation numbers, we have removed Cyclohexanone from sample PT-AR-21

We have added the below new analyte:

- Styrene added to sample PT-AR-21 (Volatile Organic Compounds at Chamber air concentrations)

GENERAL NOTES

Please note:

- This scheme is managed and operated by LGC AXIO Proficiency Testing and is supported through technical advice from HSE. LGC is the accredited PT provider of this scheme.
- Thermal desorption tubes used in samples 7, 12, 12A, 21 and 22 are the Perkin Elmer type (6.4mm OD, 5mm ID and 90mm long).
- Thermal desorption tubes must be returned at the participant's cost to LGC proficiency testing within 2 months after receipt (including additional or repeat samples). Failure to do so will result in an additional charge of £270 per sample set being made to replace the tubes.
- When returning thermal desorption tubes, please label the parcels with the supplied label "Returned Sample tubes for laboratory proficiency testing – no commercial value" and declare a "nominal value of £1 / \$1 / €1". Failure to do so could result in any incurred excise / importation fee being passed onto the participant.
- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month & Round	Despatch Date	Reporting Deadline	Surface and Groundwaters	Potable	Waste Waters and Effluents	Other*
JAN - AQ640	23 Jan	27 Feb	4G, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 7D, 8, 8B, 9, 22, 22A, 25, 26, 28, 33, 37, 52			30, 31
FEB - AQ641	06 Feb	13 Mar	1H, 1S, 2H, 2S, 2A, 3, 5, 5A, 5B, 5C, 36, 51			14, 42
FEB - AQ642	20 Feb	27 Mar	3A, 3B, 3C, 4, 44	1A	18A, 18B, 18C, 19A, 19B, 19C, 19D, 20, 20B, 21, 23, 24, 27	50
MAR - AQ643	13 Mar	17 Apr			10, 11, 12, 12C, 15, 17A, 17B, 17C, 17D, 29	13, 16, 61
APR - AQ644	24 Apr	30 May	4G, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 7D, 8, 8B, 9, 22, 22A, 25, 26, 28, 33, 37, 52, 67			30, 31
MAY - AQ645	15 May	19 Jun	1H, 1S, 2H, 2S, 2A, 3, 5, 5A, 5B, 5C, 36, 41	1HP, 1SP, 2HP, 2SP	60	14
MAY - AQ646	30 May	03 Jul	3A, 3B, 3C, 4, 34A, 34B, 34C, 34D, 34E, 53	1A	18A, 18B, 18C, 19A, 19B, 19C, 19D, 20, 20B, 21, 23, 24, 27	50
JUN - AQ647	12 Jun	17 Jul			10, 11, 12, 12C, 15, 17A, 17B, 17C, 17D, 29	13, 16, 61
JUN - AQ648	26 Jun	31 Jul	4G, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 7D, 8, 8B, 9, 22, 38, 39, 40, 43			30, 31
JUL - AQ649	10 Jul	14 Aug	1H, 1S, 2H, 2S, 3, 5, 5B, 51, 66			14, 42
JUL - AQ650	24 Jul	29 Aug	3A, 3B, 3C, 4, 44	1A	18A, 18C, 19A, 19B, 19C, 19D, 20, 20B, 21, 23, 24	50
AUG - AQ651	14 Aug	18 Sep			10, 11, 12, 12C, 17A, 17B, 17C, 17D, 35	13, 16, 62
AUG - AQ652	29 Aug	02 Oct	4G, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 7D, 8, 8B, 9, 22, 26, 28, 33, 37, 57			30, 31
SEP - AQ653	11 Sep	16 Oct	1H, 1S, 2H, 2S, 2A, 3, 5, 5A, 5B, 5C, 36, 41, 67	1HP, 1SP, 2HP, 2SP		14, 59
SEP - AQ654	25 Sep	30 Oct	3A, 3B, 3C, 4, 44, 56	1A	18A, 18B, 18C, 19A, 19B, 19C, 19D, 20, 20B, 21, 23, 24, 27	50
OCT - AQ655	09 Oct	13 Nov			10, 11, 12, 12C, 15, 17A, 17B, 17C, 17D, 29, 63	13, 16,
OCT - AQ656	23 Oct	27 Nov	4G, 5G, 6A, 6B, 6C, 7A, 7B, 7C, 7D, 8, 8B, 9, 22, 22A, 25, 38, 39, 40, 43, 55, 65			30, 31
NOV - AQ657	06 Nov	11 Dec	1H, 1S, 2H, 2S, 3, 5, 5B, 41		60	14
NOV - AQ658	20 Nov	08 Jan '24	3A, 3B, 3C, 4, 34F, 34G, 34H, 34I, 34J, 44, 58	1A	18A, 18C, 19A, 19B, 19C, 19D, 20, 20B, 21, 23, 24	50
DEC - AQ659	04 Dec	15 Jan	67		10, 11, 12, 12C, 17A, 17B, 17C, 17D, 35	13, 16, 64

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Samples **PT-AQ-12**, **PT-AQ-17C**, **PT-AQ-41**, **PT-AQ-42** and **PT-AQ-65** are subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a licence. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Surface and groundwaters (Inorganic and nutrients)		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
1H Major Inorganic Components (Hard Surface Water)	Calcium; Magnesium; Total Hardness; Alkalinity; Potassium; Sodium; Chloride; Sulfate; Fluoride; Conductivity (20°C); Kjeldahl Nitrogen; Total Phosphorus; Barium																					
1S Major Inorganic Components (Soft Surface Water)	Calcium; Magnesium; Total Hardness; Alkalinity; Potassium; Sodium; Chloride; Sulfate; Fluoride; Conductivity (20°C); Kjeldahl Nitrogen; Total Phosphorus; Barium																					
2H Nutrients and Others (Hard Surface Water)	Total oxidised nitrogen (TON); Silicate; Nitrite; Ammonia; Soluble reactive phosphorus (PO ₄); pH at 20-25°C; Conductivity (20°C); Colour; Permanganate index (PI); Total Cyanide; Free Cyanide; Nitrate; Total Dissolved Solids																					
2S Nutrients and Others (Soft surface Water)	Total oxidised nitrogen (TON); Silicate; Nitrite; Ammonia; Soluble reactive phosphorus (PO ₄); pH at 20-25°C; Conductivity (20°C); Colour; Permanganate index (PI); Total Cyanide; Free Cyanide; Nitrate; Total Dissolved Solids																					
2A pH in Poorly Buffered Waters	pH at 20-25°C – Low; pH at 20-25°C – High																					
3 Non-specific Analytes	BOD (5 day); COD; Suspended solids; Methylene blue active substances (MBAS); Non-ionic surfactants; Dissolved organic carbon; Turbidity																					

[illegible][illegible]

**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

[illegible][illegible]

**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

Surface and groundwaters (Organic)		Month and Rounds (AQ)																					
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659	
6C Benzene, Toluene & Xylenes	Benzene; Toluene; Ethylbenzene; Styrene; o-Xylene; m-Xylene; p-Xylene; Total xylene; m-+ p-Xylene; 1,2,4-trimethylbenzene**; MTBE (methyl tert-butyl ether)																						
7A Organochlorine Pesticides	Endrin; Dieldrin; Aldrin; p,p'-DDT; o,p-DDT; p,p'-DDE; o,p'-DDE**; p,p'-DDD; o,p'-DDD (TDE)**; Alpha Hexachlorocyclohexane; Beta Hexachlorocyclohexane; Delta Hexachlorocyclohexane; Lindane (Gamma HCH); Trifluralin; Alpha Endosulphan; Beta Endosulphan; Hexachlorobenzene; Heptachlor; Heptachlor epoxide; Pentachlorobenzene; Pendimethalin** Cis-chlordane**; Trans-chlordane** Methoxychlor**; Endosulfan Sulfate**; Endrin Aldehyde**																						
7B Chlorinated Solvents	Hexachlorobutadiene; Carbon Tetrachloride; Tetrachloroethene; 1,2,4-Trichlorobenzene; Trichloroethene; 1,1,1-Trichloroethane; 1,3,5 Trichlorobenzene; 1,2,3-Trichlorobenzene; 1,2-Dichloroethane; Chloroform																						
7C Polycyclic Aromatic Hydrocarbons	Fluoranthene; Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benz(a)pyrene; Benzo(ghi)perylene; Indeno(1,2,3-cd)pyrene Acenaphthene; Acenaphthylene; Anthracene; Benz(a)anthracene; Chrysene; Dibenzo(ah)anthracene; Fluorene; Naphthalene; Perylene; Phenanthrene; Pyrene																						
7D Polychlorinated Biphenyls	PCB (28); PCB (52); PCB (101); PCB (118); PCB (138); PCB (153); PCB (180); PCB (149)**; PCB (170)**																						
8 Acid Herbicides	2,4,5-T**; 2,4,5-TP (Fenoprop)**; 2,4-D; 2,4-DB; Dicamba; 2,3,6-TBA**; Picloram**; Clopyralid**; Fluroxypyr**; Benazolin**; Mecoprop; Dichlorprop; Quinmerac**, MCPA; MCPB; Triclopyr; Bentazone; Bromoxynil; Dichlobenil**, Ioxynil; Metaldehyde; Alachlor**, Metazachlor**, Propachlor**, S-metolachlor**; Flufenacet**; Propyzamide; Asulam**; Chloridazon**; Napropamide**; Glyphosate; AMPA																						

[illegible]

**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

Surface and groundwaters (Organic) (continued)			Month and Rounds (AQ)																						
Sample		Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659		
33* Chlorophyll <i>a</i>		Chlorophyll <i>a</i>																							
34B*	Water Framework Directive	FAtrazine; Diuron; Isoproturon; Simazine																							
34C*		Alachlor; Chlorfenvinphos; Chlorpyrifos																							
34D*		4-n Pentylphenol; 4-n Hexylphenol; 4-n Heptylphenol; 4 tert-Octylphenol; 4-n-Nonylphenol; Pentachlorophenol; Bisphenol A																							
34E*		Endosulphan; Hexachlorobenzene; Hexachlorocyclohexane; Pentachlorobenzene; Trifluralin; Hexachlorobutadiene																							
34F*		Benzo(a)pyrene; Benzo(b)fluoranthene; Benzo(ghi)perylene; Benzo(k)fluoranthene; Indeno(123-cd)pyrene; Anthracene; Fluoranthene																							
34G*		Tributyltin compounds																							
34H*		1,2-Dichloroethane; Dichloromethane; Trichlorobenzenes; Trichloromethane																							
34I*		2,4,4-Tribromodiphenylether (BDE 28); 2,2,4,4,5-Pentabromodiphenylether (BDE 99); 2,2,4,4,5,6-Hexabromodiphenylether (BDE 154)																							
34J*		DEHP; Benzene; Naphthalene																							
36* Taste & Odour		TFN; TON																							
37* Acrylamide		Acrylamide																							
38* UV Absorbing Organic Constituents		UV absorption																							
39* Geosmin & MIB		Geosmin; Methyl isoborneol																							
40* Fungicides		Carbendazim; Chlorothalonil; Fenpropimorph; Flutriafol; Epoxyconazole; Flusilazole; Cyproconazole; Tebuconazole; Azoxystrobin; Boscalid; Kresoxym-methyl; Cyprodinil; Propiconazole; Prothioconazole																							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

Surface and groundwaters (Organic) (continued)		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
41* Microcystin	Microcystin-LR; Microcystin-YR; Microcystin-RR																								
43* Triclosan	Triclosan																								
44* Haloacetic Acids	Monochloroacetic acid; Dichloroacetic acid; Trichloroacetic acid; Monobromoacetic acid; Dibromoacetic acid; Tribromoacetic acid; Bromochloroacetic acid; Bromodichloroacetic acid; Dibromochloroacetic acid; 2,2-Dichloropropionic acid																								
51* Synthetic Pyrethroid Insecticides	Bifenthrin; Cyfluthrin; Cypermethrin; Flumethrin; cis-Permethrin; trans-Permethrin																								
52* Low Level CIP2 contaminants	Benzo(a)pyrene; Fluoranthene; Cypermethrin; PFOS; PFOA																								
53* EQSD Directive – Low Level Triazines	Simazine; Atrazine; Terbutryn; Alachlor; Diclofol; Bifenox; Quinoxife																								
55* Volatile Organic Compounds (Fumigants)	Bromomethane; 1,2-Dibromo-3-chloropropane; 1,4-Dichlorobenzene; 1,2-Dichloropropane; cis-1,3-Dichloropropene; trans-1,3-Dichloropropene; 1,2-Dibromoethane; 1,2,3-Trichloropropane																								
56* EQSD Directive – Low Level Organophosphorus & Chlorinated Solvents	Dichlorvos; Fenitrothion; Malathion; Chlorfenvinphos; Diazinon; Chlorpyrifos; Hexachlorobutadiene; 1,2,3-Trichlorobenzene; 1,2,4-Trichlorobenzene; 1,3,5-Trichlorobenzene																								
57* Pharmaceuticals	Ibuprofen; Propranolol; Ofloxacin; Oxytetracycline; Salicylic acid; Fluoxetine; Diclofenac; Naproxen																								
58* EQSD Directive – Low Level Organochlorines	Endrin; Dieldrin; Aldrin; p,p'-DDT; o,p'-DDT; p,p'-DDE; p,p'-DDD; Alpha Hexachlorocyclohexane; Beta Hexachlorocyclohexane; Delta Hexachlorocyclohexane; Lindane (Gamma HCH); Trifluralin; Alpha Endosulphan; Beta Endosulphan; Hexachlorobenzene; Heptachlor; Heptachlor epoxide; Pentachlorobenzene; Pendimethalin																								

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

Surface and groundwaters (Organic) (continued)		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
65* Explosives in groundwater	1,3,5-Trinitrobenzene; 1,3-Dinitrobenzene; 2,4-Dinitrotoluene; 2,6-Dinitrotoluene; 2-Amino-4,6-dinitrotoluene; 2-Nitrotoluene; 3-Nitrotoluene; 4-Amino-2,6-dinitrotoluene; 4-Nitrotoluene; Diphenylamine; Nitrobenzene; PETN (Pentaerythritol tetranitrate); HMX (Octogen)																					
66* Neonicotinoids in groundwater	Clothianidin; Imidacloprid; Thiamethoxam; Acetamiprid; Thiocloprid																					
67* PFAS in groundwater NEW	TBC - The structure of this sample is to be confirmed and details will be circulated to participants prior to each round																					

Surface and groundwaters (Qualitative)		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
22 Qualitative Organics by GCMS in Clean Water	Ten organic analytes are provided for qualitative identification.																					
22A Qualitative Organics by Purge and Trap GCMS in Clean Water	Six organic analytes are provided for qualitative identification. This sample is designed to test the ability of laboratories to identify organic compounds via purge and trap GCMS analysis.																					
25 Qualitative Determination in Clean Water	The intent of this sample is to test the ability of laboratories to detect and identify an unknown contaminant in surface/potable waters.																					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Waste Waters and Effluents – Inorganic and Nutrients		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
10 Nutrients and other analytes	Total oxidised nitrogen (TON); Nitrate; Nitrite; Ammonia; Silicate; Soluble Reactive Phosphorus (PO ₄); Chloride; Total Cyanide; Kjeldahl Nitrogen; Free Cyanide; Total Nitrogen; Total Phosphorus																								
11 Non-specific Analytes	BOD (5 day); COD; Suspended solids; Methylene blue active substances (MBAS); Dissolved/Total organic carbon; Turbidity; Non-ionic surfactants																								
12 Metals (Preserved in 0.5% Nitric Acid)	Antimony**; Arsenic; Aluminium; Chromium; Beryllium**; Iron; Manganese; Cadmium; Copper; Lead; Nickel; Zinc; Mercury; Selenium; Molybdenum; Tellurium**; Uranium**; Titanium**																								
12C Chromium (VI) in Waste Water	Chromium (VI)																								
15 Settleable Solids	Settleable solids																								
29 High and Low COD	COD – high; COD – low																								
35* BOD/COD at high concentration	COD; BOD																								

Waste Waters and Effluents – Industrial Waste Waters		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
17A Major Waste Water Analytes	pH at 20-25°C; Settled chemical oxygen demand (COD); Total COD; Suspended Solids; Conductivity (20°C); Total dissolved solids; Non filterable COD; Salinity																								
17B Total Phenol, Cyanide and Sulfate	Total Phenol; Cyanide; Sulfate																								
17C Metals (Preserved in 0.5% Nitric Acid)	Aluminium; Antimony; Arsenic; Barium; Boron; Beryllium**; Cadmium; Chromium; Cobalt; Copper; Iron; Lead; Manganese; Molybdenum; Mercury; Nickel; Selenium; Silver; Tin; Vanadium; Zinc; Titanium**																								

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**Please note that these analytes are not currently within the scope of LGC's UKAS accreditation.

Waste Waters and Effluents – Industrial Waste Waters (continued)		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
17D Ammonia, Phosphate & Nitrogen	Ammonia; Soluble Reactive Phosphorus (PO ₄); Total Phosphorus; Total Nitrogen																								
32## Sulfide	Total sulfide																								
60## M-Certs	Ammonia; COD; Conductivity (20°C); Nitrate; Nitrite; Orthophosphate; pH at 20-25°C; Total arsenic; Total copper; Total mercury; Total cadmium; Total lead; Total nickel; Turbidity																								
63## Acetate & Iodide	Acetate; Iodide																								

Waste Waters and Effluents – Organic		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
18A Haloforms & Chlorinated Solvents	Chloroform; Bromodichloromethane; Dibromochloromethane; Bromoform; Trichloroethene; Tetrachloroethene; Carbon Tetrachloride; 1,2 Dichloroethane																								
18B Phenols	Phenol; 2-Chlorophenol; 4-Chlorophenol; 3-Bromophenol**; 2,4-Dichlorophenol; 2,4,6-Trichlorophenol; Pentachlorophenol; 2,5-Dimethylphenol**; 3,5-Dimethylphenol**; 2-Methylphenol (o-cresol)**; 3-Methylphenol (m-cresol)**; 4-Methylphenol (p-cresol)**; Total monosubstituted methylphenols**; 4-Chloro-3-methylphenol**; 2,6-Dichlorophenol**; 2,4,5-Trichlorophenol**; 2,4-Dimethylphenol**; Nonylphenol**																								
18C Benzene, Toluene & Xylenes	Benzene; Toluene; Ethylbenzene; Styrene; o-Xylene; m-Xylene; p-Xylene; Total xylene; m-+ p-Xylene																								

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Waste Waters and Effluents – Organic		Month and Rounds (AQ)																							
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659			
19A Organochlorine Pesticides	Endrin; Dieldrin; Aldrin; p,p'-DDT; o,p-DDT; p,p'-DDE; o,p'-DDE**; p,p'-DDD; o,p'-DDD (TDE)**; Alpha Hexachlorocyclohexane (HCH); Beta Hexachlorocyclohexane (HCH); Delta Hexachlorocyclohexane (HCH); Lindane (Gamma HCH); Trifluralin; Alpha endosulphan; Beta endosulphan; Hexachlorobenzene; Heptachlor; Heptachlor epoxide; Pentachlorobenzene; Pendimethalin**; Cis-chlordane**; Trans-chlordane**; Methoxychlor**; Endosulfan Sulfate**; Endrin Aldehyde**																								
19B Chlorinated Solvents	Hexachlorobutadiene; Carbon Tetrachloride; Tetrachloroethene; 1,2,4-Trichlorobenzene; Trichloroethene; 1,1,1-Trichloroethane; 1,3,5-Trichlorobenzene; 1,2,3-Trichlorobenzene; 1,2-Dichloroethane; Chloroform																								
19C Polycyclic Aromatic Hydrocarbons	Fluoranthene; Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benz(a)pyrene; Benzo(ghi)perylene; Indeno(1,2,3-cd)pyrene Acenaphthene; Acenaphthylene; Anthracene; Benz(a)anthracene; Chrysene; Dibenz(ah)anthracene; Fluorene; Naphthalene; Perylene; Phenanthrene; Pyrene																								
19D Polychlorinated Biphenyls	PCB (28); PCB (52); PCB (101); PCB (118); PCB (138); PCB (153); PCB (180); PCB (149)**; PCB (170)**																								
20 Acid Herbicides	2,4,5-T**, 2,4,5-TP (Fenoprop)**; 2,4-D; 2,4-DB; Dicamba; 2,3,6-TBA**; Clopyralid**, Fluroxypyr**, Benazolin**, Mecoprop; Dichlorprop; MCPA; MCPB; Triclopyr; Bentazone; Bromoxynil; Dichlobenil**, Ioxynil; Metaldehyde; Metazachlor**; Propachlor**, Propyzamide; Glyphosate; AMPA																								
20B Triazines and Urea Herbicides	Isoproturon; Diuron; Linuron; Chlortoluron; Monuron; Methabenzthiazuron**, Diflufenican**, Bromacil**, Simazine; Atrazine; Propazine; Cyanazine**, Trietazine**, Prometryn**; Terbutryn**, Ametryn**, Carbetamide**, Pirimicarb**; Metamitron**																								

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Waste Waters and Effluents – Organic (Continued)		Month and Rounds (AQ)																					
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659	
21 Organo-phosphorus Pesticides	Azinphos-methyl; Azinphos-ethyl; Dichlorvos; Fenitrothion; Malathion; Mevinphos; Chlorfenvinphos; Diazinon; Fenthion; Parathion-ethyl; Parathion-methyl; Chlorpyrifos; Cypermethrin; Propetamphos**, Ethion**, Carbophenothion*, Demeton**, Demeton-O**, Demeton-S**, Dioxathion**, Disulfoton**, Dimethoate**, Ethoprophos**, Famphur**, Fenchlorphos**, Fonofos**, Phorate**, Phosmet**, Terbufos**, Tetrachlorvinphos**																						
23 Mineral Oil in Water	Volume of sample provided; Total Hydrocarbons C10–C40 by GC Analysis; Total Hydrocarbons C10–C40 by IR Analysis; Total Hydrocarbons C10–C40 by Gravimetric Analysis																						
24 Oil & Grease in Water	Volume of sample provided; Total Oil and Grease																						
27 AOX in Wastewater	AOX																						

Recreational water		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
64*	Trichloromethane; Bromodichloromethane; Trihalomethanes & Nutrients in Swimming pool water																					
	Dibromodichloromethane; Tribromomethane; Total trihalomethanes (TTHM); pH at 20-25°C; Total organic carbon (TOC); Total Alkalinity; Total Hardness; Total Dissolved Solids																					

Radiochemistry		Month and Rounds (AQ)																						
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659		
30 Gross Alpha and Gross Beta in Clean Water	Gross Alpha as ²³⁹ Plutonium; Gross Alpha as ²⁴¹ Americium; Gross Alpha as ²³⁰ Thorium; Gross Beta as ⁴⁰ Potassium; Gross Beta as ¹³⁷ Caesium; Gross Beta as ⁹⁰ Strontium																							
31 Aqueous Tritium in Clean Water	Aqueous Tritium																							
42* Plutonium and Uranium	Plutonium-239; Uranium-234; Uranium-235; Uranium-238; Total Uranium																							

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Marine Waters		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
61* Sea Water - Nutrients	Total oxidised nitrogen (TON); Nitrate; Total Phosphorus; Potassium; Sulfate; Magnesium; Calcium; Alkalinity; Ammonia; Total Nitrogen; Orthophosphate; pH at 20-25°C; Conductivity (20°C); Silicate; Total Dissolved Solids																					
62* Sea Water - Metals	Arsenic; Boron; Cadmium; Copper; Iron; Manganese; Molybdenum; Strontium; Zinc; Barium; Lithium; Sodium; Sulfur; Nickel; Cobalt; Lead; Selenium																					

Sewage Sludge – Inorganic		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
13 Sewage Sludge Inorganics & Specific Elements	Arsenic; Cadmium; Chromium; Copper; Lead; Mercury; Molybdenum; Nickel; Vanadium; Zinc; Selenium; Total boron; Fluoride; Total nitrogen; Total phosphorus; Total potassium; Cobalt; Iron; Manganese; Total carbon**; Total Sulphur**																					
16 Compositional Analysis of Sewage Sludge	Total Solids (105±5°C); Loss on ignition (500±5°C); pH at 20-25°C; Calcium; Magnesium; Ammoniacal Nitrogen**																					

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Soils – Inorganic		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
14 Agricultural Soil Inorganics & Specific Elements	Arsenic; Cadmium; Chromium; Copper; Lead; Mercury; Molybdenum; Nickel; Vanadium; Zinc; Selenium; Total boron; Water extractable boron; Fluoride; Total nitrogen; Total phosphorus; Total potassium; Cobalt; Iron; Manganese; Total solids; Loss on ignition; pH at 20-25°C; Extractable phosphorus; Extraction of potassium; Extraction of magnesium; Extraction of sodium; Organic carbon content; Conductivity; Carbonate content																					

Ecotoxicology		Month and Rounds (AQ)																				
Sample	Target Analyte(s)	ALL	JAN 640	FEB 641	FEB 642	MAR 643	APR 644	MAY 645	MAY 646	JUN 647	JUN 648	JUL 649	JUL 650	AUG 651	AUG 652	SEP 653	SEP 654	OCT 655	OCT 656	NOV 657	NOV 658	DEC 659
50 Ecotoxicology Tests	<i>Daphnia Magna</i> 48hr EC50; <i>Daphnia Magna</i> 24hr EC50;																					
	<i>Vibrio Fischeri</i> 30 minute IC50 (ISO 11348-3);																					
	Other 30 minute luminescent bacteria IC50 tests;																					
	15 minute luminescent bacteria IC50 tests;																					
	Freshwater algae growth inhibition test (<i>Pseudokirschneriella subcapitata</i>)																					

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [AQUACHECK Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional): <input style="width: 100px;" type="text"/>	Purchase order no. (optional): <input style="width: 150px;" type="text"/>

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/en/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

10% discount available when purchasing all rounds per sample.

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat/Duplicate samples	Price per sample
Full additional groups	Full additional groups will be charged at 50% of the main sample cost. Please contact LGC for a quotation.
Additional Matrix water	Available on request
Additional Spikes	Available on request
Additional Spiked matrix water	Available on request

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new samples as follows:

- Sample **PT-AQ-67** (Perfluoroalkyl and polyfluoroalkyl substances (PFAS) in groundwater). This will be available in rounds AQ640 (January 2023), AQ648 (June 2023) and AQ656 (October 2023).
- Sample **PT-AQ-1HP** (Major Inorganic Components in hard, potable (treated) water). This will be available in rounds AQ641 (February 2023) and AQ658 (November 2023)
- Sample **PT-AQ-1SP** (Major Inorganic Components in soft, potable (treated) water). This will be available in rounds AQ641 (February 2023) and AQ658 (November 2023)
- Sample **PT-AQ-2HP** (Nutrients and Others in hard, potable (treated) water). This will be available in rounds AQ641 (February 2023) and AQ658 (November 2023)
- Sample **PT-AQ-2SP** (Nutrients and Others in soft, potable (treated) water). This will be available in rounds AQ641 (February 2023) and AQ658 (November 2023)

We have increased the available rounds for the below samples:

- **PT-AQ-41** (Microcystin) will now be available three times per year.
- **PT-AQ-44** (Haloacetic Acids) will now be available four times per year.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Contaminated Land (CONTEST) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CN-)
FEB	CN135	13 Feb	20 Mar	A-FULL, A-REDUCED, B-FULL, B-REDUCED, C-FULL, C-REDUCED, D, E, 23, 27, 30
APR	CN136	17 Apr	22 May	A-FULL, A-REDUCED, B-FULL, B-REDUCED, C-FULL, C-REDUCED, D, E, 23, 25, 26
JUL	CN137	03 Jul	08 Aug	A-FULL, A-REDUCED, B-FULL, B-REDUCED, C-FULL, C-REDUCED, E, 27, 28
SEP	CN138	18 Sep	23 Oct	A-FULL, A-REDUCED, B-FULL, B-REDUCED, C-FULL, C-REDUCED, D, E, 23, 25, 26, 30
NOV	CN139	13 Nov	18 Dec	A-FULL, A-REDUCED, B-FULL, B-REDUCED, C-FULL, C-REDUCED, E, 28, 29

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Sample **PT-CN-C#** (C-Full) is subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Contaminated Land (CONTEST) 2023

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SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Group A - Metals				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
Full participation (Samples 1a, 1b, 1c, 2, 3a, 13)									
Reduced participation (Sample 3a only)									
1a	8mL	Standard solution	Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Iron; Lead; Manganese; Molybdenum; Nickel; Thallium; Tin; Vanadium; Zinc						
1b	8mL	Standard solution	Antimony; Arsenic; Selenium						
1c	8mL	Standard solution	Mercury						
2	60mL	Solution of soil extract	Antimony; Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Iron; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Thallium; Tin; Vanadium; Zinc						
3a	30g	Soil (prepared)	Antimony; Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Iron; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Thallium; Tin; Vanadium; Zinc; Chromium (VI)						
13	60mL	Standard solution	Chromium (VI)						

Group B - Inorganics				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
Full participation (Samples 3b, 6, 8, 10, 12, 16 and 17)									
Reduced participation (Sample 3b only)									
3b	150g	Soil (prepared)	Ammonia; Complex Cyanide; Free Cyanide; Total Cyanide; Dry Matter; Loss on Ignition; pH; Thiocyanate; Total sulfate; Easily liberated sulfide; Water soluble boron; Water soluble chloride; Water soluble fluoride; Water soluble sulfate; Total Sulfur						
6	60mL	Standard solution	Total cyanide						
8	60mL	Standard solution	Total sulfate						
10	60mL	Standard solution	Water soluble boron						
12	60mL	Standard solution	Easily liberated sulfide						
16	60mL	Standard solution	Thiocyanate						
17	60mL	Standard solution	Total fluoride						

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Group C - Organics				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
Full participation (Samples 3c, 5, 7a, 7b, 11, 14a, 14b, 15, 19 and 20)									
Reduced participation (Sample 3c only)									
3c	70g 1mL	Soil (prepared) Spiking solution	Acenaphthene; Acenaphthylene; Anthracene; Benz(a)anthracene; Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benzo(b/k)fluoranthene (sum); Benzo(ghi)perylene; Benz(a)pyrene; Chrysene; Dibenz(ah)anthracene; Fluoranthene; Fluorene; Indeno(123-cd)pyrene; Naphthalene; Phenanthrene, Pyrene; Total PAH; Phenols; Cresols; Xylenols; Distillable phenolic substances; PCB (28); PCB (52); PCB (101); PCB (118); PCB (138); PCB (153); PCB (180); Elemental sulfur; Total organic carbon; TPH (C10-C40 inclusive); TPH Aliphatic >C10-C12; TPH Aliphatic >C12-C16; TPH Aliphatic >C16-C21; TPH Aliphatic >C21-C35; TPH Aliphatic >C35-C40; TPH Aromatic >EC10-EC12; TPH Aromatic >EC12-EC16; TPH Aromatic >EC16-EC21; TPH Aromatic >EC21-EC35; TPH Aromatic >EC35-EC40; NEW PCB (77)						
5	2mL	Standard solution	Acenaphthene; Acenaphthylene; Anthracene; Benz(a)anthracene; Benzo(b)fluoranthene; Benzo(k)fluoranthene; Benzo(b/k)fluoranthene (sum); Benzo(ghi)perylene; Benz(a)pyrene; Chrysene; Dibenz(ah)anthracene; Fluoranthene; Fluorene; Indeno(123-cd)pyrene; Naphthalene; Phenanthrene, Pyrene						
7a	60mL	Standard solution	Monohydric phenols						
7b	2x2mL	Standard solution	Total phenols (sum of phenol, cresols and xlenols); Total Cresols; Total Xylenols; Phenol						
11	2mL	Standard solution	PCB (28); PCB (52); PCB (101); PCB (118); PCB (138); PCB (153); PCB (180)						
14a	2mL	Standard solution	TPH, Range C10 – C40 (inclusive)						
14b	2mL	Standard solution	TPH, Aliphatic ≤C6; TPH, Aliphatic >C6-C8; TPH, Aliphatic >C8-C10; TPH, Aromatic C6; TPH, Aromatic >C6-C8; TPH, Aromatic >C8-C10						
15	2mL	Standard solution	Benzene; Toluene; Ethylbenzene; o-xylene; m + p-Xylenes						
19	2mL	Standard solution	1,2,3-trichlorobenzene; 1,2,4-trichlorobenzene; 2-Chlorotoluene; 1,2-Dichloroethane; 1,2-Dichloroethene; Dichloromethane; Hexachloro-1,3-butadiene; 1,1,1,2-Tetrachloroethane; 1,1,1-Trichloroethane; Tetrachloromethane; Trichloroethene; Trichloromethane						
20	2x10mL	Standard solution & blank	Six semi volatile organic compounds (SVOCs) - Qualitative						

Group D - Leachate				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
18	200g	Soil (prepared)	Antimony; Arsenic; Barium; Cadmium; Calcium; Chromium; Copper; Iron; Lead; Magnesium; Mercury; Molybdenum; Nickel; Potassium; Selenium; Sodium; Tin; Zinc; Sulfate; Chloride; Fluoride; Nitrate; Boron; Chromium (VI); Phosphate; Ammonia; Free Cyanide; Total Cyanide; Thiocyanate; pH; Conductivity (20°C); COD; TOC/DOC; Phenol Index						

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Group E – WAC (Waste Acceptance Criteria)				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
21	200g	WAC material CN135, CN137, CN139: Moderate contamination CN136: High contamination CN138: Low contamination	Dry Matter Content Ratio; Antimony; Arsenic; Barium; Cadmium; Chromium; Copper; Lead; Mercury; Molybdenum; Nickel; Selenium; Zinc; Sulfate; Chloride; Fluoride; Phenol Index; DOC; Total Dissolved Solids						
24*	1L	Leachate (prepared)	Antimony; Arsenic; Barium; Cadmium; Chromium; Copper; Lead; Mercury; Molybdenum; Nickel; Selenium; Zinc; Sulfate; Chloride; Fluoride; Phenol Index; DOC; Total Dissolved Solids						

Other Samples				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
23* Total Hydrocarbons in soil	1mL 30g	Standard solution Soil	TPH, Aliphatic ≤C6; TPH, Aliphatic >C6-C8; TPH, Aliphatic >C8-C10; TPH, Aromatic C6; TPH, Aromatic >C6-C8; TPH, Aromatic >C8-C10						
25* VOCs in soil	1mL 30g	Standard solution Soil	Acetonitrile; Benzene; Bromobenzene; Bromochloromethane; Bromodichloromethane; Bromoform; Bromomethane; n-Butylbenzene; sec-Butylbenzene; tert-Butylbenzene; Carbon disulfide; Carbon tetrachloride; Chlorobenzene; Chloroethane; Chloroform; Chloromethane; 2-Chlorotoluene; 4-Chlorotoluene; cis-1,2-Dichloroethylene; Dibromochloromethane; 1,2-Dibromo-3-chloropropane; 1,2-Dibromoethane; Dibromomethane; 1,2-Dichlorobenzene; 1,3-Dichlorobenzene; 1,4-Dichlorobenzene; Dichlorodifluoromethane; 1,1-Dichloroethane; 1,2-Dichloroethane; 1,1-Dichloroethylene; trans-1,2-Dichloroethylene; 1,2-Dichloropropane; 1,3-Dichloropropane; 2,2-Dichloropropane; 1,1-Dichloropropylene; cis-1,3-Dichloropropylene; trans-1,3-Dichloropropylene; Ethylbenzene; Hexachlorobutadiene; Hexachloroethane; Isopropylbenzene; 4-Isopropyltoluene; Methylene chloride; Methyl t-butyl ether; m-Xylene; m&p-Xylene; Naphthalene; Nitrobenzene; n-Propylbenzene; o-Xylene; p-Xylene; Styrene; 1,1,1,2-Tetrachloroethane; 1,1,2,2-Tetrachloroethane; Tetrachloroethylene; Toluene; Total Xylenes; 1,2,3-Trichlorobenzene; 1,2,4-Trichlorobenzene; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Trichloroethylene; Trichlorofluoromethane; 1,2,3-Trichloropropane						

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Proficiency Testing Contaminated Land (CONTEST) 2023

APPLICATION FORM

Other Samples - continued				Month and Rounds (CN)					
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 135	APR 136	JUL 137	SEP 138	NOV 139
26* Organochlorine Pesticides in soil	1mL 30g	Standard solution Soil	Endrin; Dieldrin; Aldrin; p,p'-DDT; o,p-DDT; p,p'-DDE; p,p'-DDD; Alpha Hexachlorocyclohexane; Beta Hexachlorocyclohexane; Delta Hexachlorocyclohexane; Lindane (Gamma HCH); Trifluralin; Alpha Endosulphan; Beta Endosulphan; Hexachlorobenzene; Heptachlor; Heptachlor epoxide; Pentachlorobenzene						
27* LOI FINES	1kg	LOI material	Loss on Ignition at 440oC						
28* Soil Texture	500g	Soil	Soil texture						
29* Incinerator Bottom Ash	200g	IBA material	Arsenic; Barium; Cadmium; Copper; Iron; Lead; Magnesium; Manganese; Nickel; Potassium; Sodium; Total Chromium; Zinc; pH; Alkali reserve						
30* Organophosphorus Pesticides in soil	1mL 30g	Standard solution Soil	Azinphos-methyl; Azinphos-ethyl; Dichlorvos; Fenitrothion; Malathion; Mevinphos; Chlorfenvinphos; Diazinon; Fenthion; Parathion-ethyl; Parathion-methyl; Chlorpyrifos; Cypermethrin						

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Please further note: soil samples do not always contain measurable concentrations of all analytes as listed in every round

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [CONTEST Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):	Purchase order no. (optional):
---------------------------------------	--------------------------------

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Total number of groups ordered per annum*	Discounts
0-4	0,0%
5-9	2,5%
10-14	5,0%
15-9	15,0%
20+	25,0%

*For example, a lab participating in four groups in all four rounds will be taking 20 groups in total; therefore, will qualify for a 25% discount.

Please note that duplicate samples (or individual samples purchased from groups A-C) will not contribute to the calculation of volume discount.

REPEAT/ADDITIONAL SAMPLES PRICES

Additional Full groups will be charged at 50% of the cost of the group. Individual repeat / additional samples can be ordered as well.

Round	Group A						Group B							Group C									
	3a	1a	1b	1c	2	13	3b	6	8	10	12	16	17	3c	5	7a	7b	11	14a	14b	15	19	20
CN135																							
CN136																							
CN137																							
CN138																							
CN139																							

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new analyte as follows:

- We have added the analyte PCB (77) into sample 3C (Organics)

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

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PO no	
Carriage	

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Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Environmental Hygiene (HYGIENE) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-HY-)
MAR	HY323	27 Mar	02 May	01, 02, 03, 05, 06, 07, 09, 10, 11
JUL	HY327	24 Jul	29 Aug	01, 02, 03, 08, 12, 13
NOV	HY331	20 Nov	08 Jan '24	01, 02, 03, 05, 08, 09, 10, 11, 14

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Quantity	Supplied as	Target Analyte(s)	Month and Rounds (HY)			
				ALL	MAR 323	JUL 327	NOV 331
PT-HY-01- Surface swabbing (Indicators)	-	Plastic surface with a lyophilised tablet	Enumeration – Total aerobic mesophilic count Enumeration – Yeast Enumeration – Mould Enumeration – Yeast & Mould Enumeration – <i>Escherichia coli</i> Enumeration – Coliforms Enumeration – Enterobacteriaceae				
PT-HY-02 - Surface swabbing (Pathogens)	-	Plastic surface with a lyophilised tablet	Presence / Absence – <i>Listeria</i> species Presence / Absence – <i>Listeria monocytogenes</i> Presence / Absence – <i>Salmonella</i> species				
PT-HY-03 - Contact plate	-	Plastic surface with a lyophilised tablet	Enumeration – Total aerobic mesophilic count Identification of organism				
PT-HY-05* - ATP	-	Lyophilised tablet/s for testing using ATP monitoring systems (diluent required)	ATP				
PT-HY-06 - Contact plate	-	Plastic surface with a lyophilised tablet	Enumeration – Yeast Enumeration – Mould Enumeration – Yeast & Mould				
PT-HY-07 - Contact plate	-	Plastic surface with a lyophilised tablet	Enumeration – <i>Staphylococcus aureus</i>				
PT-HY-08DY* - Surface testing	2 x dry swabs	Non-infectious, fully extractable specimen on dry swab	SARS-CoV-2 (molecular)				
PT-HY-08LQ* - Surface testing	2 x 1.5ml suspension	Non-infectious, fully extractable specimen in liquid (swab rinse)	Note: Variants of SARS-CoV-2 will be included				
PT-HY-09- Air filter testing	2 x filter	Dry 0.45µm membrane filter	Enumeration – Total viable count Enumeration – Yeast Enumeration – Mould Enumeration – Yeast & Mould				

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation;

Sample	Quantity	Supplied as	Target Analyte(s)	Month and Rounds (HY)			
				ALL	MAR 323	JUL 327	NOV 331
PT-HY-10 - Swab rinsate sample (Indicators)	-	Lyophilised tablet and 10ml diluent	Enumeration – Total aerobic mesophilic count Enumeration – Yeast Enumeration – Mould Enumeration – Yeast & Mould Enumeration – <i>Escherichia coli</i> Enumeration – Coliforms Enumeration – Enterobacteriaceae				
PT-HY-11 - Swab rinsate sample (Pathogens)	-	Lyophilised tablet and 10ml diluent	Presence / Absence – <i>Listeria</i> species Presence / Absence – <i>Listeria monocytogenes</i> Presence / Absence – <i>Salmonella</i> species Presence / Absence – <i>E. coli</i> O157* (non-toxigenic strain)				
PT-HY-12 - Contact plate NEW	-	Plastic surface with a lyophilised tablet	Enumeration of Enterobacteriaceae				
PT-HY-13* Sponge NEW	-	Ready to test sponge	Presence / Absence – <i>Salmonella</i> species				
PT-HY-14* Sponge NEW	-	Ready to test sponge	Presence / Absence – <i>Listeria</i> species Presence / Absence – <i>Listeria monocytogenes</i>				

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation;

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [HYGIENE Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-HY-12** (Enumeration Enterobacteriaceae using contact plates). This will be available in round **HY327** (July 2023).
- Sample **PT-HY-13** (Detection of *Salmonella* species using ready to test sponge). This will be available in round **HY327** (July 2023).
- Sample **PT-HY-14** (Detection of *Listeria* using ready to test sponge). This will be available in round **HY331** (November 2023).

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Proficiency Testing Environmental Hygiene (HYGIENE) 2023 APPLICATION FORM

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Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-WT)
FEB	WT322	13 Feb	20 Mar	412, 413, 417, 418, 420, 422
MAR	WT323	13 Mar	17 Apr	412, 413, 414, 416, 419, 421, 423, 426, 427, 430
APR	WT324	11 Apr	22 May	412, 413, 425, 429
MAY	WT325	08 May	12 Jun	412, 413, 414, 416, 419, 421, 424, 430
JUN	WT326	12 Jun	17 Jul	412, 413, 417, 418, 423
JUL	WT327	10 Jul	14 Aug	412, 413, 414, 416, 419, 421
SEP	WT329	11 Sep	16 Oct	412, 413, 417, 418, 424, 426, 427
OCT	WT330	09 Oct	13 Nov	412, 413, 414, 416, 419, 420, 421, 422, 423, 430, 431
NOV	WT331	06 Nov	11 Dec	412, 413, 425
DEC	WT332	11 Dec	15 Jan 2024	412, 413, 417, 418

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

			Month and Rounds (WT)											
Sample	Supplied as	Target Analyte(s)	ALL	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	SEP 329	OCT 330	NOV 331	DEC 332	
PT-WT-412 Potable Water	10mL vial to be resuscitated to final volume of 1 litre	Total aerobic count at 22 & 37°C Enumeration of <i>Escherichia coli</i> ; Coliforms; Enterococci (faecal streptococci)												
PT-WT-413 Potable Water	10mL vial to be resuscitated to final volume of 1 litre	Enumeration of <i>Clostridium perfringens</i> ; sulphite-reducing Clostridia; sulphite-reducing Clostridia spores ONLY; <i>Pseudomonas aeruginosa</i> ; Yeast & Mould (total); Yeast; Mould; Detection of sulphite-reducing Clostridia												
PT-WT-414 Process Water	10ml vial to be resuscitated to final volume of 100 mL	Total aerobic count Enumeration of <i>Pseudomonas</i> species; <i>Pseudomonas aeruginosa</i> ; Yeast & Mould (total); Yeast; Mould												
PT-WT-416 Simulated Effluent Sludge	2 x 10g simulated sludge sample	Detection of <i>Salmonella</i> species Enumeration of <i>Escherichia coli</i>												
PT-WT-417 Industrial Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Enumeration of <i>Legionella pneumophila</i> by PCR or culture (membrane filtration or direct count) Detection of <i>Legionella pneumophila</i> Identification of <i>Legionella pneumophila</i>												
PT-WT-418 Industrial Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Enumeration of <i>Legionella</i> species by PCR or culture (membrane filtration or direct count) Detection of <i>Legionella</i> species Identification of <i>Legionella</i> species												
PT-WT-419 Surface/Waste/ Bathing Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Enumeration of total coliforms; faecal coliforms; <i>Escherichia coli</i> ; Enterococci (faecal streptococci) Detection of <i>Salmonella</i> species												
PT-WT-420 Mineral Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Total aerobic count at 22 & 37°C Enumeration of <i>Escherichia coli</i> ; Enterococci (faecal streptococci); <i>Pseudomonas aeruginosa</i>												
PT-WT-421 Surface/Bathing /Recreational Water	10mL vial to be resuscitated to final volume of 1 litre	Enumeration of coagulase positive staphylococci; <i>Staphylococcus</i> species; sulphite-reducing Clostridia; NEW <i>Clostridium perfringens</i> ; NEW Total aerobic count												

			Month and Rounds (WT)										
Sample	Supplied as	Target Analyte(s)	ALL	FEB 322	MAR 323	APR 324	MAY 325	JUN 326	JUL 327	SEP 329	OCT 330	NOV 331	DEC 332
PT-WT-422 Sea Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Enumeration of total coliforms; faecal coliforms; <i>Escherichia coli</i> ; Enterococci (faecal streptococci) Detection of <i>Salmonella</i> species											
PT-WT-423 Potable Water	10mL vial to be resuscitated to final volume of up to 10 x 1 litre	Detection of <i>Legionella</i> species (low level) Enumeration of <i>Legionella</i> species by culture											
PT-WT-424 Mineral Water	10mL vial to be resuscitated to final volume of 1 litre	Detection of coagulase positive staphylococci; sulphite-reducing Clostridia; sulphite-reducing Clostridia spores ONLY											
PT-WT-425 Potable Water	10mL vial to be resuscitated to a final volume of 1 litre	Detection of <i>Escherichia coli</i> ; Coliforms; Enterococci (faecal streptococci)											
PT-WT-426 Potable Water	Vial	Identification of unknown organism											
PT-WT-427 Paper Exercise	Paper exercise	Colony count and calculation of number of microorganisms											
PT-WT-429 Dialysis Water	10mL vial to be resuscitated to final volume of 100ml	Total aerobic count @ 17-23°C											
PT-WT-430* Waste Water	2 x 1.5mL vial plus 2 x tablet (simulated waste water)	Detection of SARS-CoV-2; Optional quantification of SARS-CoV-2 Note: Variants of SARS-CoV-2 will be included											
PT-WT-431* Drinking water NEW	2 x lyophilised samples (exact format TBC)	Detection of Somatic coliphages; Optional quantification of Somatic coliphages											

*Please note that this sample is not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QWAS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional): <input style="width: 100px;" type="text"/>	Purchase order no. (optional): <input style="width: 150px;" type="text"/>

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/en/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new sample as follows:

- Sample **PT-WT-431** (Somatic Coliphages (φX174) in water). This will be available in round WT330 (October 2023).

We have introduced a number of new analytes as follows:

- Enumeration of *Clostridium perfringens* and Total aerobic count to sample **PT-WT-421** (Microorganisms in Surface/Bathing/Recreational water)

Due to low participation numbers, we have removed sample **PT-WT-428** (Hygiene Testing using dip slide)

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

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- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
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- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

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Customer	
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PO no	
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Year for PY	
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Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Cannabis and related products (CAN PT) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CA)
MAR	CA006	27 Mar	02 May	1A, 02
AUG	CA007	29 Aug	02 Oct	1A, 04, 10, 11, 12

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Sample PT-CA-03 is subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Cannabis and related products (CAN PT) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Quantity	Supplied as	Target Analyte(s)	Month and Rounds (CA)		
				ALL	MAR 006	AUG 007
PT-CA-01A - Active ingredients (potency)	10g + Blank	Hemp oil	Δ 9-Tetrahydrocannabinol (THC)*; Cannabidiol (CBD); Cannabidiolic Acid (CBDA); Cannabinol (CBN); Cannabichromene (CBC); Cannabigerol (CBG); Cannabicyclol (CBL); Cannabidivarin (CBDV); Cannabidivarinic acid (CBDVA)			
PT-CA-02 - Terpenes	10g	Hemp oil	(-)- α -Bisabolol; α -Humulene; α -Pinene; α -Terpinolene; β -Caryophyllene; β -Myrcene; (1S)-(-)- β -Pinene; (-)-Caryophyllene oxide; R-(+)-Limonene; Linalool			
PT-CA-04- Elements	10g	Simulated dried cannabis plant	Arsenic; Cadmium; Mercury; Lead; Copper; Iron; Manganese; Nickel; Zinc; Calcium; Magnesium; Potassium; Sulphur; Phosphorus			
PT-CA-10** - Active ingredients (potency) NEW	5g	Cannabis flowers	Δ 9-Tetrahydrocannabinol (THC); Cannabidiol (CBD); Cannabidiolic Acid (CBDA); Cannabinol (CBN); Cannabichromene (CBC); Cannabigerol (CBG); Cannabicyclol (CBL); Cannabidivarin (CBDV); Cannabidivarinic acid (CBDVA)	**		**
PT-CA-11** - Active ingredients (potency) NEW	5g	Cannabis oil	Δ 9-Tetrahydrocannabinol (THC); Cannabidiol (CBD); Cannabidiolic Acid (CBDA); Cannabinol (CBN); Cannabichromene (CBC); Cannabigerol (CBG); Cannabicyclol (CBL); Cannabidivarin (CBDV); Cannabidivarinic acid (CBDVA)	**		**
PT-CA-12** - Terpenes NEW	5g	Cannabis flowers	(-)- α -Bisabolol; α -Humulene; α -Pinene; α -Terpinolene; β -Caryophyllene; β -Myrcene; (1S)-(-)- β -Pinene; (-)-Caryophyllene oxide; R-(+)-Limonene; Linalool	**		**

*The MAXIMUM possible amount of Δ -9 THC in the supplied quantity of the test material, is 1mg; **Please note: Not available from the German LGC office. Please contact us in case of interest;

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [CAN PT Scheme Description](#).

Proficiency Testing Cannabis and related products (CAN PT) 2023

APPLICATION FORM

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

Proficiency Testing Cannabis and related products (CAN PT) 2023

APPLICATION FORM

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-CA-10** (Analysis of active ingredients (including THC) in cannabis flowers). This will be available in round CA007 (August 2023). Please note: Not available from the German LGC office. Please contact us in case of interest
- Sample **PT-CA-11** (Analysis of active ingredients (including THC) in cannabis oil). This will be available in round CA007 (August 2023). Please note: Not available from the German LGC office. Please contact us in case of interest
- Sample **PT-CA-12** (Analysis of terpenes in cannabis flowers). This will be available in round CA007 (August 2023). Please note: Not available from the German LGC office. Please contact us in case of interest

Due to low participation numbers, we have removed samples PT-CA-1B, PT-CA-03 and PT-CA-05.

OTHER SCHEMES/SAMPLES OF INTEREST

We have a number of other samples which may be of interest to you:

- PT-FC-849 (CBD in food) Further information can be found on our web page <https://www.lgcstandards.com/GB/en/849-Cannabidiol-CBD-in-food/p/PT-FC-849>
- PT-PH-16 (CBD in supplements) Further information can be found on our web page <https://www.lgcstandards.com/GB/en/search/?text=PT-PH-16>

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Proficiency Testing Cannabis and related products (CAN PT) 2023 APPLICATION FORM

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CS-)
JAN	CS049	30 Jan	06 Mar	21, 22, 27, 29, 33, 34
APR	CS050	17 Apr	22 May	10A, 10B, 13A, 13B, 16A, 16B, 19, 23, 30, 35
AUG	CS051	21 Aug	25 Sep	20, 22, 24, 28, 31, 32
NOV	CS052	27 Nov	08 Jan 24'	10A, 10B, 13A, 13B, 16A, 16B, 19, 23, 25, 30

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Microbiology Samples				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-10A	Vial + 10g matrix	Powder	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> ; Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>					
PT-CS-10B	Vial + 10g matrix	Powder	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>					
PT-CS-13 ^a	Vial + 10g matrix	Cream	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> ; Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>					
PT-CS-13B	Vial + 10g matrix	Cream	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>					
PT-CS-16A	Vial + 10mL matrix	Liquid	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> ; Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>					
PT-CS-16B	Vial + 10mL matrix	Liquid	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>					
PT-CS-30*	Vial + 10mL matrix	Cream	Microbial challenge test (Preservative efficacy testing) Microbial enumeration; Log10 reduction in microbial load April (CS050): <i>Staphylococcus aureus</i> November (CS052): <i>Aspergillus brasiliensis</i>					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Chemistry Samples - Elements				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-19	5g	Lipstick	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**					
PT-CS-20	5g	Lip gloss	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**					
PT-CS-21	5g	Powder sample	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**					
PT-CS-24*	125mL	Mouthwash sample	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc					
PT-CS-25*	25g	Toothpaste sample	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc					

Additives and Preservatives				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-22	5mL	Cream sample	Hydroquinone					
PT-CS-27*	25mL	Cream sample	Methylparaben; Propylparaben; Butylparaben; Benzoic acid; Sorbic acid					
PT-CS-31*	5g	Mascara sample	Methylparaben; Propylparaben; Butylparaben; Benzoic acid; Sorbic acid					

Product Quality and Essential characteristics				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-23	500mL	Liquid cosmetic sample	pH; Viscosity; Density					
PT-CS-28*	100g	Liquid or solid soap	Chlorides (as Cl ⁻); Free caustic alkali (as NaOH); Free fatty acids (as oleic acid); Matter insoluble in ethanol; Moisture and volatile matter; Total fatty matter content					
PT-CS-29*	100g	Powder detergent	Water insoluble matter; pH (1% aqueous solution at 25°C); Moisture and volatile matter; Anionic-active matter; Cationic-active matter; Chlorides (as Cl ⁻)					
PT-CS-32*	100mL	Liquid detergent	Water insoluble matter; pH (1% aqueous solution at 25°C); Moisture and volatile matter; Anionic-active matter; Cationic-active matter; Chlorides (as Cl ⁻); Phosphates (as PO ₄ ³⁻)					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation. **These analytes are not currently within the scope of LGC's UKAS accreditation;

SARS-CoV-2 related products				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-33*	50mL	Hand sanitizer	Alcohol content					
PT-CS-34*	20 x Face masks	Face masks	Bacterial filtration efficiency (BFE); Differential pressure (Breathability); Microbial cleanliness (Bioburden); Fluid resistance to synthetic blood;					

Allergens				Month and Rounds (CS)				
Sample	Quantity	Supplied as	Target Analyte(s)	ALL	JAN 049	APR 050	AUG 051	NOV 052
PT-CS-35* NEW	TBC***	TBC***	Allergenic compounds					

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

***Allergens in cosmetics e.g. fragrances, The exact details of the material will be provided as soon as possible.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [COSMETICS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):	Purchase order no. (optional):
---------------------------------------	--------------------------------

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a new sample as follows:

- Sample **PT-CS-35** (Allergens in cosmetics e.g. fragrances). This will be available in round **CS050** (April 2023).
- We have increased the volume of sample **PT-CS-23** from 250mL to 500mL.

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
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- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Nickel Migration (NiMS) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-NK-)
MAY	NK325	22 May	26 Jun	01
NOV	NK331	20 Nov	08 Jan 2024	01

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Nickel Migration (NiMS) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Quantity	Supplied as	Target Analyte(s)	Month and Rounds (NK)		
				ALL	MAY 325	NOV 331
PT-NK-01	3 x test articles (A, B and C)	Test articles may be alloy disks, jewellery or other appropriate articles. Whole items or, where relevant, parts of items may be provided.	Surface area Nickel release			

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [NiMS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcstandards.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
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- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-PH)
FEB	PH084	27 Feb	03 Apr	01, 2A, 2E, 4A, 4B, 05, 6J, 6K, 8B
JUN	PH085	26 Jun	31 Jul	01, 2B, 03, 05, 6A, 6B, 6C, 7A, 11, 12, 17, 19, 20
AUG	PH086	29 Aug	02 Oct	01, 2A, 2E, 4A, 4B, 05, 6D, 6E, 6F, 8A, 09, 10, 14, 16, 18, 21
NOV	PH087	27 Nov	08 Jan '24	01, 2B, 03, 05, 6G, 6H, 6I, 7B, 7C, 11, 13, 15

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

CHEMISTRY SAMPLES						Month and Rounds (PH)				
Sample	Pharmacopeia		Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-01	EUP	2.2.3 2.2.6 2.2.14 2.2.20 2.2.60	Varying volumes	6 samples 1A-1F	Acid/Base titration; Density; pH; Melting point; Refractive index Other titrations, for the determination of: Dipotassium hydrogen phosphate; Sodium bicarbonate; Magnesium; Sodium chloride					
		541 741 791 831								
	CHP	0601 0612 0622 0631 0701								
PT-PH-2A	EUP	2.2.29	Varying volumes**	1 sample and reference standard	HPLC Analysis					
	USP	621								
	CHP	0512								
PT-PH-2B*	EUP	-	5g sample; 1g matrix	Powder	Trace elements					
	USP	-								
	CHP	0411 0406 0412								
PT-PH-2E*	EUP	2.2.28 2.4.24	2g sample; 1ml spike	Powder and spiking solution	Residual solvents					
	USP	467								
	CHP	0861								
PT-PH-6A	EUP	2.2.28	Varying volumes**	Sample and reference standard **	Gas Chromatography (GC)					
	USP	621								
	CHP	0521								
PT-PH-6B	EUP	2.2.25	Varying volumes**	1 sample**	UV					
	USP	-								
	CHP	0401								

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation; **Format depends upon type of test material.

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

CHEMISTRY SAMPLES - continued						Month and Rounds (PH)				
Sample	Pharmacopeia		Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-6C	EUP	2.2.9 2.2.10	250mL	Liquid solution sample	Viscosity					
	USP	911 912								
	CHP	0633								
PT-PH-6D	EUP	2.2.32	Varying volumes**	1 sample**	Loss on Drying (LOD)					
	USP	731								
	CHP	0831								
PT-PH-6E	EUP	2.2.24	Varying volumes**	Sample and reference standard**	FTIR					
	USP	197								
	CHP	0402								
PT-PH-6F	EUP	2.5.12	Varying volumes**	1 sample**	Karl Fischer					
	USP	921								
	CHP	0832								
PT-PH-6G	EUP	2.2.27	Varying volumes**	Sample, reference standard and TLC plates**	TLC					
	USP	621								
	CHP	0502								
PT-PH-6H	EUP	2.2.22 2.2.23 2.2.57	60mL	Liquid solution sample	FLAA					
	USP	232 233								
	CHP	0407								
PT-PH-6I	EUP	2.2.7	Varying volumes**	1 sample**	Polarimetry					
	USP	781								
	CHP	0621								
PT-PH-6J	EUP	-	Varying volumes**	1 sample**	Advanced Titration					
	USP	-								
	CHP	0701 0702								
PT-PH-6K*	EUP	2.2.33	1g	1 sample**	Nuclear Magnetic Resonance (NMR) Spectrometry					
	USP	761								
	CHP	0441								
PT-PH-7A*	EUP	2.9.3	Varying volumes**	Sample and reference standard**	Dissolution testing					
	USP	711								
	CHP	0931								

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation; **Format depends upon type of test material.

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

CHEMISTRY SAMPLES – continued						Month and Rounds (PH)				
Sample	Pharmacopeia		Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-7B*	EUP	2.9.1 2.9.5 2.9.7 2.9.8	-	1 sample	Tablet testing					
	USP	701 1216 1217								
	CHP	0101 0921 0923								
PT-PH-7C*	EUP	2.9.40	10	Dosage units and reference standard	Uniformity of dosage units					
	USP	905								
	CHP	0941								
PT-PH-8A*	EUP	2.2.338	125mL	1 sample	Low level conductivity (<50 µS/cm)					
	USP	1644								
	CHP	0681								
PT-PH-8B*	EUP	2.9.19 2.2.20	-	1 sample	Particulate determination					
	USP	788								
	CHP	0903								
PT-PH-11*	EUP	2.6.14	4mL	Solution	Endotoxins in solutions					
	USP	85								
	CHP	1143								

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

CONSUMER SAFETY SAMPLES						Month and Rounds (PH)				
Sample	Pharmacopeia		Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-12	EUP	-	100mL	E-Liquid Solution	Nicotine; Propylene glycol; Glycerol; Density; NEW Refractive index; NEW pH					
	USP	-								
	CHP	-								

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

DIETRY AND HERBAL SUPPLEMENTS					Month and Rounds (PH)				
Sample	Pharmacopeia	Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-13*	EUP	-	5g	Ginseng supplement	Ginsenoside-Rb1; Ginsenoside-Rb2; Total ginsenosides				
	USP	-							
	CHP	0512							
PT-PH-14*	EUP	-	10g	Ginseng supplement	Arsenic; Cadmium; Lead; Mercury				
	USP	-							
	CHP	2321							
PT-PH-15*	EUP	-	2 x 5g sample	Powdered supplement	Sildenafil				
	USP	-							
	CHP	-							
PT-PH-16*	EUP	-	10ml of oil or 5g of powdered material	Oil or Powdered material	Cannabidiol				
	USP	-							
	CHP	-							
PT-PH-17*	EUP	-	10g	Pollen supplement	Arsenic; Cadmium; Lead; Mercury				
	USP	-							
	CHP	2321							
PT-PH-18*	EUP	-	5g	Ginkgo biloba	Quercetin; Kaempferol; Total Aglycones; Total Terpene Lactones; Ginkgolide B				
	USP	-							
	CHP	0512							
PT-PH-19*	EUP	-	1g	Plant material or plant extract	Phytochemical identity confirmation				
	USP	-							
	CHP	-							
PT-PH-20*	EUP	-	30g	Multivitamin supplement	Vitamin B1; Vitamin B2; Vitamin B3; Vitamin B5; Vitamin B6; Folic acid; Biotin; Vitamin B12; Vitamin C				
	USP	-							
	CHP	-							
PT-PH-21*	EUP	-	15g	Multielement supplement	Calcium; Zinc; Magnesium; Copper; Manganese; Potassium; Iron; Total Chromium; Selenium; Compliance with labelling				
	USP	-							
	CHP	-							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023

APPLICATION FORM

MICROBIOLOGY						Month and Rounds (PH)				
Sample	Pharmacopeia		Quantity	Supplied as	Target Analyte(s)	ALL	FEB 084	JUN 085	AUG 086	NOV 087
PT-PH-03	EUP	2.6.12	10ml (final test quantity 100ml)	Vial representing pharmaceutical product	Low-level enumeration; Identification of microorganism (Intended for membrane filtration)					
	USP	-								
	CHP	1105								
PT-PH-4A	EUP	2.6.12 2.6.13	10ml (final test quantity 100ml)	Vial representing pharmaceutical product	Total aerobic microbial count; Total bacterial count Detection and/or Enumeration of Staphylococcus aureus; Escherichia coli; Bile-tolerant gram-negative bacteria					
	USP	-								
	CHP	1105 1106								
PT-PH-4B	EUP	2.6.13	10ml (final test quantity 100ml)	Vial representing pharmaceutical product	Detection of Pseudomonas aeruginosa; Burkholderia cepacia Enumeration of Yeast; Mould; Total yeast and mould, Enumeration and/or detection of Candida albicans					
	USP	-								
	CHP	1105 1106								
PT-PH-05	EUP	2.6.1	5 x 5ml (final test quantity 5 x 100ml)	Vial representing pharmaceutical product	Sterility; Identification of microorganism					
	USP	-								
	CHP	1101								
PT-PH-09	EUP	2.6.13	10ml (final test quantity 100ml)	Vial representing pharmaceutical product	Detection of Salmonella species					
	USP	-								
	CHP	1106								
PT-PH-10	EUP	-	10ml vial + 10g medicinal herb matrix (final test quantity 10g)	Medicinal herb	Total aerobic microbial count Detection and/or Enumeration of Staphylococcus aureus; Coliforms; Yeast; Mould; Yeast and Mould					
	USP	-								
	CHP	1105 1106 1108								

EUP, USP and CHP methods are indicated for information only.

Other methods can be used by the participants

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [PHARMASSURE Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional): Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcstandards.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Sample Reference	% Discount for taking all available rounds
05	10

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have added a number of new analytes as follows:

- Refractive index and pH to sample PT-PH-12 (E-liquid physical/chemical analysis).

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Proficiency Testing Pharmaceutical (PHARMASSURE) 2023 APPLICATION FORM

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Toy Safety (TOYTEST) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-TY-)
FEB	TY101	30 Jan	06 Mar	02, 03, 05, 10, 14
APR	TY102	03 Apr	08 May	01, 03, 07, 09, 11, 12, 17
JUN	TY103	26 Jun	07 Aug	02, 03, 10, 13, 16, 17, 20
AUG	TY104	14 Aug	18 Sep	03, 08, 09, 10, 14, 17
OCT	TY105	16 Oct	20 Nov	01, 03, 05, 07, 11, 12, 18, 19
DEC	TY106	04 Dec	08 Jan 2024	02, 03, 09, 10, 13

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Physical Testing			Month and Rounds (TY)						
Sample	Supplied as	Standard/Sample type	ALL	FEB 101	APR 102	JUN 103	AUG 104	OCT 105	DEC 106
PT-TY-01	Toy product provided for paper exercise	EN71 Part 1							
PT-TY-02	Sections of material/toy products for flammability testing	EN71 Part 2							
PT-TY-07	Toy product provided for paper exercise	ASTM F963							
PT-TY-11	Selection of products (e.g. cord, plastic sheeting)	Measurement testing (EN71-1 & ASTM F963)							
PT-TY-12	Toy product provided	Kinetic energy testing (EN71-1 & ASTM F963)							
PT-TY-13	Toy product provided	Acoustic testing (EN71-1)							
PT-TY-14*	Magnetic material provided	Flux testing (EN71-1 & ASTM F963)							
PT-TY-15*	Toy or similar for assessment	Electrical testing (EN62115)							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

Proficiency Testing Toy Safety (TOYTEST) 2023

APPLICATION FORM

Chemical Testing			Month and Rounds (TY)						
Sample	Supplied as	Standard/Sample type	ALL	FEB 101	APR 102	JUN 103	AUG 104	OCT 105	DEC 106
PT-TY-03	Real material plus test solutions Category I: Wax Crayons (TY103), Chalk (TY105) Category II: Liquid paint (TY102) Category III: Paint flakes (TY104) and (TY106) Textile (TY101)	EN71 Part 3							
PT-TY-08	Section of material	Azo Dyes (EN14362-1 & EN14362-3)							
PT-TY-09	Dried paint flakes	Total Lead, Total Cadmium, Total Chromium & Total Nickel; Total Tin, Total Mercury							
PT-TY-10	Section of rubber material plus two test solutions	Phthalates							
PT-TY-17	50g 'slime' product	Toy Safety Directive / EN 71-3 - Boron							
PT-TY-18*	2 x 1g sample	Total lead & total cadmium in jewellery (REACH regulation)							
PT-TY-19*	Flammability of moulded plastic material (Toy product provided)	Flammability assessment of moulded plastic to US ASTM F963-17, 16 CFR § 1500.44, SRS-013							
PT-TY-16*	Plastic bead or pellet	Bisphenol A							
PT-TY-20* NEW	Toy product	Aniline (62-53-3)							

Miscellaneous Testing			Month and Rounds (TY)						
Sample	Supplied as	Standard/Sample type	ALL	MAR 101	MAY 102	JUL 103	SEP 104	OCT 105	DEC 106
PT-TY-05	Information provided for paper exercise	EN71 Part 8							

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [TOYTEST Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://axiopt.de@lgcgroup.com) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

VOLUME QUANTITY DISCOUNT

Please note that any additional/duplicate samples ordered will not contribute to the calculation of volume discount, but will be charged at a lower rate (see Repeat/Additional samples section).

Samples purchased per order	Volume Discount
1-3	0%
4-7	10%
8+	20%

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

- Sample **PT-TY-16** (Bisphenol A in plastic (total content) has been moved from the CONTACT scheme to the TOYTEST scheme.
- A new sample **PT-TY-20** (Aniline in toy materials) has been introduced. This will be available in round TY103 (June 2023)
- Due to low participation numbers, we have removed Chromium III from **PT-TY-03** (EN71-3 Real material (paint flakes only)

GENERAL NOTES

Please note:

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- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Oil and Fuels (OIL) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-OL-)
MAR	OL323	27 Mar	02 May	02, 04, 05, 06

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Oil and Fuels (OIL) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid.

Sample	Sample Type	Supplied as	Month and Rounds (OL)
			MAR 323
PT-OL-02	#2 Diesel Fuel	1 USgal (~3750ml) sample of Fuel	
PT-OL-04	Crude Oil	2 x 1000ml sample of Oil	
PT-OL-05	Engine Oil Lubricants	¾ USgal (~2800ml) sample of Oil	
PT-OL-06	Simulated In Service Engine Oil	1 x 250ml sample of Simulated In Service Engine Oil and 1 x 50ml sample of New Oil	

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [OIL PT Scheme Description](#).

Proficiency Testing Oil and Fuels (OIL) 2023 APPLICATION FORM

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

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New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

Proficiency Testing Oil and Fuels (OIL) 2023 APPLICATION FORM

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Due to low participation numbers, we have removed the second round in November 2023. This scheme will now be available once per year (March 2023).

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing Drugs of Abuse in Hair (DAH) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-DH-)
FEB	DH040	27 Feb	03 Apr	01, 02
MAY	DH041	08 May	12 Jun	01, 02
AUG	DH042	29 Aug	02 Oct	01, 02
NOV	DH043	27 Nov	15 Jan 2024	01, 02

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Drugs of Abuse in Hair (DAH) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Supplied as	Target Analyte(s)	Month and Rounds (DH)				
			ALL	FEB 040	MAY 041	AUG 042	NOV 043
PT-DH-01	1 x 250 mg of 2-3 mm segments of human hair	For the identification and quantification of up to 4 analytes					
PT-DH-02	1 x 250 mg of 2-3 mm segments of human hair	For the identification and quantification of up to 4 analytes					

Participants taking all four rounds will receive 10% discount.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [DAH Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Please see the DAH Scheme Description for the updated Reporting thresholds

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- These samples are not currently within the scope of LGC's UKAS accreditation.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Drugs of Abuse in Urine (DAU) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-DU-)
JAN	DU147	09 Jan	13 Feb	Full, Screening
APR	DU148	17 Apr	22 May	Full, Screening
JUL	DU149	24 Jul	29 Aug	Full, Screening
OCT	DU150	23 Oct	27 Nov	Full, Screening

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Drugs of Abuse in Urine (DAU) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please tick the relevant box to indicate your required level of participation:

Participation Level		Month and Rounds (DU)														
		ALL (Please tick)														
Full	Full participants will be able to report for the screening only analytes using immunoassay type techniques and individual analytes by chromatography type techniques. Approximately 210 individual analytes are available and are managed by your PORTAL online screening profile. Participants will receive 3 freeze-dried urine samples, each with a volume of 15ml.															
Screening-only	<p>This is designed for participants who report using immunoassay type techniques, including POCT (point of care testing). Participants will receive 3 freeze-dried urine samples, each with a volume of 15ml. The screening groups are as follows:</p> <table><tr><td>Amfetamine screen</td><td>Methadone screen</td></tr><tr><td>Barbiturate screen</td><td>Methamphetamine screen</td></tr><tr><td>Benzodiazepine screen</td><td>Opiate screen</td></tr><tr><td>Buprenorphine screen</td><td>Phencyclidine screen</td></tr><tr><td>Cannabinoid screen</td><td>Propoxyphene screen</td></tr><tr><td>Cocaine screen</td><td>Tricyclic screen</td></tr><tr><td>LSD screen</td><td>Integrity tests</td></tr></table> <p>Please note that it is not possible to report on individual analytes if participating on Screening-only basis.</p>	Amfetamine screen	Methadone screen	Barbiturate screen	Methamphetamine screen	Benzodiazepine screen	Opiate screen	Buprenorphine screen	Phencyclidine screen	Cannabinoid screen	Propoxyphene screen	Cocaine screen	Tricyclic screen	LSD screen	Integrity tests	
Amfetamine screen	Methadone screen															
Barbiturate screen	Methamphetamine screen															
Benzodiazepine screen	Opiate screen															
Buprenorphine screen	Phencyclidine screen															
Cannabinoid screen	Propoxyphene screen															
Cocaine screen	Tricyclic screen															
LSD screen	Integrity tests															

Reporting Thresholds

Prior to submitting your results you will be asked to configure your screening profile (**applicable to both screening and full participation**), we recommend that you only select the analytes that you are routinely screening for; any drugs that are detected which you are not routinely screening should be added/removed from your screening profile on a round by round basis.

When configuring the screening profile it's **essential** that you choose the analyte with the reporting threshold that is most appropriate to your laboratory, this will either be the clinical threshold, EWDTS threshold or SAMHSA threshold.

E.g. Amfetamine (Clinical threshold 1000 µg/L) or Amfetamine (EWDTS threshold 200 µg/L)

Note: Failure to choose the most appropriate threshold to your laboratory could result in your laboratory being incorrectly assessed.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [DAU Scheme Description](#).

APPLICATION FORM

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional): Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/en/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES

CHANGES

We have added the below analytes into the SAMHSA Reporting threshold:

- Oxycodone/ Oxymorphone 100 µg/L
- Hydrocodone /Hydromorphone 100 µg/L

GENERAL NOTES

Please note:

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- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Drugs of Abuse in Oral Fluid (DOF) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-DO-)
FEB	DO147	27 Feb	03 Apr	OF
MAY	DO148	30 May	03 Jul	OF
AUG	DO149	21 Aug	25 Sep	OF
NOV	DO150	06 Nov	11 Dec	OF

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please tick the following box to confirm your participation:

Participation Level		Rounds (DO)
		ALL (Please tick)
PT-DO-OF	Participants will receive three samples at quarterly intervals with 4 weeks being allowed for drug analysis. The samples consist of 1,7ml volume of oral fluid obtained from volunteers and known drug users. Participants report on the major misused drug groups, reporting 'detected or "not detected" to scheme thresholds.	

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [DOF Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Immunosuppressant (IPT) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-IP-)
JAN	IP466	16 Jan	20 Feb	CIC, TAC, SIR, EVE, MPA
FEB	IP467	13 Feb	20 Mar	CIC, TAC, SIR
MAR	IP468	13 Mar	17 Apr	CIC, TAC, SIR, EVE, MPA
APR	IP469	11 Apr	15 May	CIC, TAC, SIR
MAY	IP470	08 May	12 Jun	CIC, TAC, SIR, EVE, MPA
JUN	IP471	12 Jun	17 Jul	CIC, TAC, SIR
JUL	IP472	10 Jul	14 Aug	CIC, TAC, SIR, EVE, MPA
AUG	IP473	07 Aug	11 Sep	CIC, TAC, SIR
SEP	IP474	11 Sep	16 Oct	CIC, TAC, SIR, EVE, MPA
OCT	IP475	09 Oct	13 Nov	CIC, TAC, SIR
NOV	IP476	13 Nov	18 Dec	CIC, TAC, SIR, EVE, MPA
DEC	IP477	11 Dec	15 Jan '24	CIC, TAC, SIR

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please tick the relevant box to indicate your required level of participation:

				Month and Rounds (IP)
Sample	Quantity	Supplied as	Target Analyte(s)	ALL (Please tick)
PT-IP- CIC	3 x 1ml	Liquid human blood (A, B and C)	Ciclosporin*	
PT-IP- TAC			Tacrolimus*	
PT-IP- SIR	3 x 1ml	Liquid human blood (A, B and C)	Sirolimus	
PT-IP- EVE	3 x 1ml	Liquid human blood (A, B and C)	Everolimus	
PT-IP- MPA	2 x 1ml	Liquid human plasma	Mycophenolic acid	

*Labs will receive one set of samples for both Ciclosporin and Tacrolimus. You must be registered for the relevant analyte(s) in order to return results for assessment.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [IPT Scheme Description](#).

APPLICATION FORM

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional):	Purchase order no. (optional):
---------------------------------------	--------------------------------

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcstandards.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
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- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

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Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

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Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

TDM samples				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-TM-)
JAN	TM232	30 Jan	27 Feb	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, AM1, AH01, PS05, PS06, PS07, PS08, PS09, PS10, PS11, PS26, PS29, PS32, PS34, PS37, NC01, MT01, TC01
	TM233		27 Mar	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS12, PS13, PS14, PS15, PS16, PS17, PS18, PS27, PS30, PS35, PS38, PST1, MT01
	TM234		24 Apr	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS19, PS20, PS21, PS22, PS23, PS24, PS25, PS28, PS31, PS33, PS36, MT01
APR	TM235	11 Apr	15 May	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, AM1, AH01, PS05, PS06, PS07, PS08, PS09, PS10, PS11, PS26, PS29, PS32, PS34, PS37, NC01, MT01, TC01
	TM236		12 Jun	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS12, PS13, PS14, PS15, PS16, PS17, PS18, PS27, PS30, PS35, PS38, PST1, MT01
	TM237		10 Jul	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS19, PS20, PS21, PS22, PS23, PS24, PS25, PS28, PS31, PS33, PS36, MT01
JUL	TM238	19 Jun	24 Jul	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, AM1, AH01, PS05, PS06, PS07, PS08, PS09, PS10, PS11, PS26, PS29, PS32, PS34, PS37, NC01, MT01, TC01
	TM239		21 Aug	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS12, PS13, PS14, PS15, PS16, PS17, PS18, PS27, PS30, PS35, PS38, PST1, MT01
	TM240		18 Sep	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS19, PS20, PS21, PS22, PS23, PS24, PS25, PS28, PS31, PS33, PS36, MT01
OCT	TM241	16 Oct	13 Nov	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, AM1, AH01, PS05, PS06, PS07, PS08, PS09, PS10, PS11, PS26, PS29, PS32, PS34, PS37, NC01, MT01, TC01
	TM242		11 Dec	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS12, PS13, PS14, PS15, PS16, PS17, PS18, PS27, PS30, PS35, PS38, PST1, MT01
	TM243		15 Jan 2024	TD1, CN1, AE1, AE2, AE4, AE5, CRD, SA01, SA02, PS01, PS02, PS03, PS04, PS19, PS20, PS21, PS22, PS23, PS24, PS25, PS28, PS31, PS33, PS36, MT01

ANTIBIOTICS samples				
Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-AT-)
JAN	AT232	09 Jan	06 Feb	01, 02, 03, 07, AF01
FEB	AT233	06 Feb	06 Mar	01, 02, 03, 07, AF01
MAR	AT234	06 Mar	03 Apr	01, 02, 03, 07, AF01
APR	AT235	03 Apr	02 May	01, 02, 03, 07, AF01
MAY	AT236	02 May	30 May	01, 02, 03, 07, AF01
JUN	AT237	05 Jun	03 Jul	01, 02, 03, 07, AF01
JUL	AT238	03 Jul	31 Jul	01, 02, 03, 07, AF01
AUG	AT239	07 Aug	04 Sep	01, 02, 03, 07, AF01
SEP	AT240	04 Sep	02 Oct	01, 02, 03, 07, AF01
OCT	AT241	02 Oct	30 Oct	01, 02, 03, 07, AF01
OCT	AT242	30 Oct	27 Nov	01, 02, 03, 07, AF01
DEC	AT243	04 Dec	08 Jan 2024	01, 02, 03, 07, AF01

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Therapeutic Drugs				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-TD1 Therapeutic Drugs mixture	3 x 5mL samples of lyophilised human serum	Carbamazepine; CBZ-epoxide; Carbamazepine + CBZ-epoxide; Clonazepam; Lamotrigine; Phenytoin; Ethosuximide; Phenobarbitone; Primidone; Valproate; Caffeine; Digoxin; Lithium; Theophylline; Methotrexate; Paracetamol (Acetaminophen); Salicylic Acid; TD-Amikacin; TD-Gentamicin; TD-Tobramycin; TD-Vancomycin	12	

Other Therapeutic Drugs				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-CN1 Clobazam; Norclobazam	2 x 2mL samples of lyophilised human serum	Clobazam; Norclobazam	12	
PT-TM-AE1 Anti-epileptic drugs mixture 1	1 x 4mL sample of lyophilised human serum	OH-oxcarbazepine; Gabapentin; Tiagabine; Levetiracetam; Pregabalin	12	
PT-TM-AE2 Anti-epileptic drugs mixture 2	1 x 4mL sample of lyophilised human serum	Topiramate; Vigabatrin; Felbamate; Zonisamide; Rufinamide; Lacosamide	12	
PT-TM-AE4* Anti-epileptic drugs 4	1 x 2mL sample of lyophilised human serum	Perampanel	12	
PT-TM-AE5* Anti-epileptic drugs 5	1 x 2mL sample of lyophilised human serum	Brivaracetam	12	
PT-TM-CRD Cardiac mixture	1 x 2mL sample of lyophilised human serum	Amiodarone; Desethylamiodarone; Flecainide	12	
PT-TM-AM1 Analgesic mixture	2 x 5mL sample of lyophilised human serum	Ibuprofen; Diclofenac; Tramadol	4	

*These samples are not currently included in LGC's UKAS Scope of Accreditation.

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Drugs used for the Treatment of substance related disorders				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-SA01 Drugs for the Treatment of substance related disorders 1	2 x 2mL lyophilised human serum	Buprenorphine; Norbuprenorphine	12	
PT-TM-SA02 Drugs for the Treatment of substance related disorders 2	2 x 2mL lyophilised human serum	Methadone; EDDP	12	

Anti-Hypertensive Drug Screen				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-AH01* Anti-Hypertensive in Urine	2 x 5mL lyophilised human urine (A and B)	Drug identification. Up to four drugs may be present in the sample, please see the TDM scheme description for further details	4	

Psychoactive Drugs				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-PS01	1 x 5mL sample of lyophilised newborn calf serum or human serum	Amitriptyline; Nortriptyline	12	
PT-TM-PS02	1 x 5mL sample of lyophilised newborn calf serum or human serum	Imipramine; Desipramine	12	
PT-TM-PS03	1 x 5mL sample of lyophilised newborn calf serum or human serum	Clomipramine; Norclomipramine	12	
PT-TM-PS04	1 x 5mL sample of lyophilised newborn calf serum or human serum	Clozapine; Norclozapine	12	

*These samples are not currently included in LGC's UKAS Scope of Accreditation

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Psychoactive Drugs (continued)				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM-PS05	1 x 5mL sample of lyophilised newborn calf serum or human serum	Doxepin; Nordoxepin	4	
PT-TM-PS06	1 x 5mL sample of lyophilised newborn calf serum or human serum	Fluoxetine; Norfluoxetine	4	
PT-TM-PS07	1 x 5mL sample of lyophilised newborn calf serum or human serum	Fluphenazine	4	
PT-TM-PS08	1 x 5mL sample of lyophilised newborn calf serum or human serum	Sertraline; Nosertraline	4	
PT-TM-PS09	1 x 5mL sample of lyophilised newborn calf serum or human serum	Trimipramine; Nortrimipramine	4	
PT-TM-PS10	1 x 5mL sample of lyophilised newborn calf serum or human serum	Risperidone; HO-risperidone	4	
PT-TM-PS11	1 x 5mL sample of lyophilised newborn calf serum or human serum	Mirtazapine; Normirtazapine	4	
PT-TM-PS12	1 x 5mL sample of lyophilised newborn calf serum or human serum	Maprotiline; Normaprotiline	4	
PT-TM-PS13	1 x 5mL sample of lyophilised newborn calf serum or human serum	Thioridazine	4	
PT-TM-PS14	1 x 5mL sample of lyophilised newborn calf serum or human serum	Haloperidol	4	
PT-TM-PS15	1 x 5mL sample of lyophilised newborn calf serum or human serum	Olanzapine	4	
PT-TM-PS16	1 x 5mL sample of lyophilised newborn calf serum or human serum	Perphenazine	4	
PT-TM-PS17	1 x 5mL sample of lyophilised newborn calf serum or human serum	Quetiapine; Norquetiapine	4	
PT-TM-PS18	1 x 5mL sample of lyophilised newborn calf serum or human serum	Citalopram; Norcitalopram	4	
PT-TM-PS19	1 x 5mL sample of lyophilised newborn calf serum or human serum	Dothiepin; Northiaden	4	
PT-TM-PS20	1 x 5mL sample of lyophilised newborn calf serum or human serum	Venlafaxine; Norvenlafaxine	4	

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Psychoactive Drugs (continued)				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM- PS21	1 x 5mL sample of lyophilised newborn calf serum or human serum	Paroxetine	4	
PT-TM- PS22	1 x 5mL sample of lyophilised newborn calf serum or human serum	Fluvoxamine	4	
PT-TM- PS23	1 x 5mL sample of lyophilised newborn calf serum or human serum	Zuclopenthixol	4	
PT-TM- PS24	1 x 5mL sample of lyophilised newborn calf serum or human serum	Amisulpride	4	
PT-TM- PS25	1 x 5mL sample of lyophilised newborn calf serum or human serum	Aripiprazole; Dehydroaripiprazole	4	
PT-TM- PS26	1 x 5mL sample of lyophilised newborn calf serum or human serum	Ziprasidone	4	
PT-TM- PS27	1 x 5mL sample of lyophilised newborn calf serum or human serum	Duloxetine	4	
PT-TM- PS28	1 x 5mL sample of lyophilised newborn calf serum or human serum	Escitalopram	4	
PT-TM- PS29	1 x 5mL sample of lyophilised newborn calf serum or human serum	Trazodone	4	
PT-TM- PS30	1 x 5mL sample of lyophilised newborn calf serum or human serum	Sulpiride	4	
PT-TM- PS31*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Chlorpromazine; Norchlorpromazine	4	
PT-TM- PS32*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Mianserin	4	
PT-TM- PS33*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Brexpiprazole	4	
PT-TM- PS34*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Lurasidone	4	
PT-TM- PS35*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Sertindole	4	
PT-TM- PS36*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Iloperidone	4	

*These samples are not currently included in LGC's UKAS Scope of Accreditation; .

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Psychoactive Drugs (continued)				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM- PS37*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Vortioxetine	4	
PT-TM- PS38*	1 x 5mL sample of lyophilised newborn calf serum or human serum	Meclobemide	4	

Psychostimulants				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM- PST1*	2 x 5mL lyophilised human serum	Atomoxetine; Methylphenidate; Ritalinic acid	4	

Smoking Related Drugs				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM- NC01*	2 x 5mL lyophilised human urine	Nicotine; Cotinine	4	

Tricyclic Antidepressant Screen				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-TM- TC01* NEW	2 x 5mL lyophilised human serum	Drug identification. Up to three drugs may be present in the sample, please see the TDM scheme description for further details	4	
PT-TM- MT01* NEW	2 x 2mL lyophilised human plasma	Metanephrine; Normetanephrine; 3-methoxytyramine	12	

*These samples are not currently included in LGC's UKAS Scope of Accreditation.

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023

APPLICATION FORM

Antibiotic and Antifungal Drugs				Rounds (TM)
Sample	Supplied as	Target Analyte(s)	Rounds available per year	ALL (Please tick)
PT-AT-01	1 x 1mL human serum	Gentamicin; Vancomycin	12	
PT-AT-02	1 x 1mL human serum	Tobramycin	12	
PT-AT-03	1 x 1mL human serum	Amikacin	12	
PT-AT-07	1 x 1mL human serum	Teicoplanin	12	
PT-AT-AF01*	1 x 1,7mL human serum	Antifungals	12	

*These samples are not currently included in LGC's UKAS Scope of Accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [TDM Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat/Duplicate samples	Price per sample
All	Please contact LGC AXIO Proficiency Testing for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample **PT-TM-TC01** (Tricyclic Antidepressant Screening in Human Serum). This will be available quarterly in rounds TM232, TM235, TM238 and TM241.
- Sample **PT-TM-MT01** (Plasma Metanephrines) This will be available in all twelve rounds.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Proficiency Testing Therapeutic Drugs Monitoring (TDM) 2023 APPLICATION FORM

FOR INTERNAL USE ONLY

	TDM	ANT
Name		
Customer		
Site		
Currency		
Delivery address		
PO no		
Carriage		

	TDM	ANT
Renew ALY		
Year for PY		
Dt		
Doc Text		
Quotation		
Other		
Additional		

Proficiency Testing Toxicology (TOX) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-TX-)
JAN	TX284	16 Jan	13 Feb	SM, BLD, URN, QT, TAS
FEB	TX285	13 Feb	13 Mar	SM, BLD, URN, BNZB
FEB	TX286	13 Feb	27 Mar	CAS
MAR	TX287	13 Mar	11 Apr	SM, BLD, URN, BNZ, ZMIX
APR	TX288	11 Apr	08 May	SM, BLD, URN, QT
MAY	TX289	08 May	05 Jun	SM, BLD, URN, TAK, GHB, BNZB
MAY	TX290	08 May	19 Jun	CAS
JUN	TX291	12 Jun	10 Jul	SM, BLD, URN, BNZ, ZMIX
JUL	TX292	10 Jul	07 Aug	SM, BLD, URN, QT, TAS
AUG	TX293	07 Aug	04 Sep	SM, BLD, URN, BNZB
AUG	TX294	07 Aug	18 Sep	CAS
SEP	TX295	11 Sep	09 Oct	SM, BLD, URN, BNZ, ZMIX
OCT	TX296	09 Oct	06 Nov	SM, BLD, URN, QT
NOV	TX297	13 Nov	11 Dec	SM, BLD, URN, TAK, GHB, BNZB
NOV	TX298	13 Nov	08 Jan '24	CAS
DEC	TX299	11 Dec	08 Jan '24	SM, BLD, URN, BNZ, ZMIX

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Quantity	Supplied as	Target Analyte(s)	Rounds available per year	Rounds (TX)
					ALL (Please tick)
PT-TX- SM	3 x 1,7mL	Liquid Serum Sample	Ethanol; Paracetamol (Acetaminophen); Salicylic acid	12	
PT-TX- BLD	1 x 1,7mL	Liquid Blood Sample	Ethanol; Paracetamol (Acetaminophen); Salicylic acid; Carboxyhaemoglobin	12	
PT-TX- URN	1 x 1,7mL	Liquid Urine Sample	Ethanol	12	
PT-TX- CAS	7mL Serum + 20mL Urine	1 x Serum Sample; 1 x Urine Sample + Scenario	Participants should report results, toxicological involvement and treatment options	4	
PT-TX- QT	2 x 10mL	Human blood samples	Participants should report quantitative data on specified analytes	4	
PT-TX- TAK	1 x 1,7mL	Liquid Blood Sample	Ethanol; Methanol; Isopropylalcohol (IPA); Acetone; Ethylene Glycol	2	
PT-TX- GHB	3 x 2mL	Lyophilised Urine Sample	Gammahydroxybutyrate	2	
PT-TX- BNZ	2 x 4mL	Lyophilised Human Serum Samples	Diazepam; Nordazepam; Temazepam; Oxazepam; Nitrazepam	4	
PT-TX- BNZB	2 x 4mL	Lyophilised Human Serum Samples	Alprazolam; Bromazepam; Clonazepam; Lorazepam; Midazolam; Etizolam**	4	
PT-TX- ZMIX*	2 x 4mL	Lyophilised Human Serum Samples	Zopiclone; Zaleplon; Zolpidem	4	
PT-TX- TAS	1 x 1,7mL	Liquid Serum Sample	Ethanol; Methanol; Isopropylalcohol (IPA); Acetone; Ethylene Glycol	2	

*These samples are not currently within the scope of LGC's UKAS accreditation.

**These analytes are not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [TOX Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.lgcgroup.com/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat/Duplicate samples	Price per sample
All	Available on request

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
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- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
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- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

FOR INTERNAL USE ONLY

Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Proficiency Testing SARS-CoV-2 (SAR) 2023

APPLICATION FORM

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
 Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-CL-)
JAN	SA016	23 Jan	24 Feb	COV, ATG, CVS
MAR	SA017	27 Mar	02 May	COV, SAB, ATG, CVS
MAY	SA018	22 May	26 Jun	COV, ATG, CVS
JUL	SA019	24 Jul	29 Aug	COV, SAB, ATG, CVS
SEP	SA020	25 Sep	30 Oct	COV, ATG, CVS
NOV	SA021	27 Nov	15 Jan '24	COV, SAB, ATG, CVS

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

Sample	Supplied as	Target Analyte(s)	Month and Rounds (SA)						
			ALL	JAN 016	MAR 017	MAY 018	JUL 019	SEP 020	NOV 021
PT-CL-MI- COV	2 x 1,5mL samples for screening for the SARS-CoV-2 virus	SARS-CoV-2 (Molecular)							
PT-CL-MI- SAB	3 x 0,75 mL human non-infectious plasma samples for serological screening for the detection of SARS-CoV-2 (COVID-19) antibodies	SARS-CoV-2 Antibody, total; SARS-CoV-2 Antibody, IgA; SARS-CoV-2 Antibody, IgG; SARS-CoV-2 Antibody, IgM							
PT-CL-MI- ATG	3 x swab based samples. Non-infectious simulated patient nasopharyngeal samples containing the SARS-CoV-2 nucleocapsid protein	SARS-CoV-2 (Antigen)							
PT-CL-MI- CVS	2 x swab based samples. Non-infectious simulated nasopharyngeal samples containing the SARS-CoV-2 genome. The samples contain the whole genome.	SARS-CoV-2 (Molecular Swab)							

For details on the full technical specification of the scheme, please refer to the LGC AXIO [SAR Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	

Returning customer Lab ID (optional): Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://www.axiopt.de/preference-centre) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order cannot be processed until we receive the completed customer declaration form concerning the confirmation of compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges (where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
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Name		Renew ALY	
Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Please complete all sections below and return to:
LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany
Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

If you would like to renew your order as per your previous year's order, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-FA)
MAY	FA010	30 May	03 Jul	PT-FA-ID

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid.

Sample	Description	Month and Rounds (FA)
		MAY 010
PT-FA-ID1	<p>Participants are provided with a case scenario and samples relating to this scenario. Details of the sample/samples will be supplied when they are distributed.</p> <p>Participants will receive: Samples for analysis and a corresponding Case Scenario. The case scenarios and samples differ between rounds and have included a range of scenarios including: a bomb factory, car bomb with debris, solutions from swabs taken after a letter bomb. Samples have included: analysis of raw materials, solutions obtained from post explosion swabbings and solutions for anion and cation analysis.</p>	

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [FAE Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](https://axiopt.de@lgcgroup.com) or contact axiopt.de@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By signing this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Participants are provided with a case scenario and samples relating to this scenario. Details of the sample/samples will be supplied when they are distributed.

GENERAL NOTES

Please note:

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Other	
Additional	

APPLICATION FORM

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Tel: +49 (0)281 9887 210, Fax: +49 (0)281 9887 699, E-Mail: axiopt.de@lgcgroup.com

YOUR ORDER

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☐

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If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-FM)
MAR	FM323	27 Mar	02 May	01 & 02

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

Proficiency Testing Forensic Isotope Ratio Mass Spectrometry (FIRMS) 2023

APPLICATION FORM

SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid.

Sample	Presentation	Target Analyte(s)	Month and Rounds (FM)
			MAR 323
PT-FM-01 Collagen	0,5g in sealed amber vial	$\delta^2\text{H}$; $\delta^{13}\text{C}$; $\delta^{18}\text{O}$; $\delta^{15}\text{N}$	
PT-FM-02 Poly lactic acid	0,5g in sealed amber vial	$\delta^2\text{H}$; $\delta^{13}\text{C}$; $\delta^{18}\text{O}$	

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [FIRMS Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

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- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

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CARRIAGE CHARGES

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CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

Due to low participation numbers, we have removed the below samples:

- PT-FM-03 (Honey)
- PT-FM-04 (Wine)
- PT-FM-05 (Olive oil)

The test materials scheduled for 2023 for samples PT-FM-01 and PT-FM-02 are Collagen and Poly lactic acid. These have been chosen in consultation with the advisory group and the FIRMS Network to provide representative samples for analysis.

GENERAL NOTES

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RENEW ME AS LAST YEAR

☐

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If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available (PT-QZ-)
FEB	QZ092	27 Feb	17 Apr	01, 02, 03, 04, 05, 10
MAY	QZ093	15 May	03 Jul	01, 02, 03, 06, 07, 08, 09, 10
AUG	QZ094	21 Aug	09 Oct	01, 02, 03, 04, 05, 10
NOV	QZ095	27 Nov	15 Jan 2024	01, 02, 03, 06, 07, 08, 09, 10

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

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SAMPLE AVAILABILITY – Please see page 1 for specific despatch and reporting dates

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **ALL** column.

				Rounds (QZ)
Sample	Quantity	Supplied as	Target Analyte(s)	ALL
PT-QZ-01 & PT-QZ-02	10mL	Blood matrix	Participants will be asked to identify up to 4 drugs relevant to forensic toxicology	
	10mL	Blood matrix	Quantification of a known drug (full identity or generic classification)	
PT-QZ-03 (A&B)	10mL	Blood matrix	Sample A – Rounds QZ092 and QZ094 Quantification of Morphine; Methadone; Amphetamine; Diazepam.	
			Sample B – Rounds QZ093 and QZ095 Quantification of Citalopram; Codeine; Amitriptyline; Tramadol	
PT-QZ-06**	10mL	Blood matrix	Participants are asked to quantify/identify a range of new psychoactive substances (NPS). Two substances are named and are for quantification and a further two substances are not named and are to be identified by screening (quantification results may also be included)	
PT-QZ-07**	10mL	Blood matrix	Participants are asked to screen for synthetic cannabinoids and identify one of the most common synthetic cannabinoids	
PT-QZ-08	10mL	Urine	Participants are asked to identify up to 4 drugs or metabolites relevant to forensic toxicology	
PT-QZ-09**	10mL	Urine	A urine sample specifically for New Psychoactive Substance screening and may include synthetic cannabinoids. Up to two substances may be present. No interpretation is required	
PT-QZ-10 (A&B)	10mL	Blood matrix	Sample A – Rounds QZ092 and QZ094 Quantification of Oxycodone; Pregabalin; MDMA; Mirtazapine	
			Sample B – Rounds QZ093 and QZ095 Quantification of Loratidine; Gabapentin ; Quetiapine ; Valproate	

				Month and Rounds (QZ)
Sample	Quantity	Supplied as	Target Analyte(s)	ALL
PT-QZ-04	10mL	Blood matrix	Quantification of alcohol and fluoride in a blood sample	
PT-QZ-05	-	Paper exercise	Interpretation of a case study (with analytical data, and a scenario or witness statement) to determine the potential blood alcohol level at a given time	

**These samples are not currently within the scope of LGC's UKAS accreditation.

For details on the full technical specification of the scheme, please refer to the LGC AXIO PT [QUARTZ Scheme Description](#).

YOUR DETAILS

Please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
Fax:	Fax:
Email:	Email:
Customer Number (optional):	VAT no:

Send Report Notifications to:	
Contact Name:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Email*:	
Returning customer Lab ID (optional):	Purchase order no. (optional):

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- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

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Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

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CARRIAGE CHARGES

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CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

There have been no technical changes to the 2023 scheme year.

GENERAL NOTES

Please note:

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Customer		Year for PY	
Site		Dt	
Currency		Doc Text	
Delivery address		Quotation	
PO no		Other	
Carriage		Additional	

Form
"Customer Declaration
(Infectious Materials)"

LGC Standards GmbH

Mercatorstr. 51

46485 Wesel

Germany

NEW Tel.: +49 (0)281 9887 210,

NEW Fax: +49 (0)281 9887 699,

NEW E-Mail: axiopt.de@lgcgroup.com



1. Customers in Germany

Any work or contact with pathogenic micro-organisms, or with substances containing pathogenic microorganisms, is regulated by the German Protection Against Infection Act (Infektionsschutzgesetz - IfSG).

According to § 52 of this law, disease causing organisms, as well as substances containing disease causing organisms, may only be supplied to such persons who have a permit according to § 44 of the IfSG; who work under supervision of somebody in possession of a permit; or who do not require a permit according to § 45, sections 1, 2, 3 of the IfSG. This regulation does not apply to state owned medical or veterinary institutions.

Microbiological materials distributed by LGC Standards might contain microorganisms with a biosafety level (BSL) of 1 or 2. These materials contain microorganisms in natural concentrations only.

All customers who order products with the biosafety levels 1 or 2 are therefore formally requested to submit a copy of their permit to work with disease causing organisms according to § 44 of the IfSG, or send us a written statement confirming that they do not need a permit according to § 45 of the IfSG.

- ☐ Copy of the permit to work with disease causing organisms according to §44 of the IfSG enclosed.
- ☐ This permit not required according to § 45 of the IfSG.

Name in print:.....

Company:.....

Signature:.....

Date.....

2. Customers abroad

With this customer declaration, all customers confirm that in using the materials belonging to the biosafety levels 1 and/or 2, they are complying with applicable laws and regulations.

- ☐ Confirmation of compliance with the applicable laws of

Country:

Name in print:.....

Company:.....

Signature:.....

Date:.....

Note: The person signing the form should be identical to the person possessing the permit.

3. Further information

Please visit <http://www.bmg.bund.de> for further information.

<http://www.gesetze-im-internet.de/bundesrecht/ifsg/gesamt.pdf>

Certificate of Accreditation



LGC Limited

Proficiency Testing Provider No. 0001

**is accredited in accordance with International Standard ISO/IEC 17043:2010
- Conformity assessment - General requirements for proficiency testing**

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate. The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

Matt Gantley, Chief Executive Officer
United Kingdom Accreditation Service

Initial Accreditation: 4 July 2002
Certificate Issued: 25 January 2021



Scan QR Code to
verify

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business, Energy and Industrial Strategy (BEIS).

Please note, not all schemes and samples are part of the UKAS accreditation



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Driving quality together

For more information please visit:

lgcstandards.com/axio

Whilst every effort has been made to ensure the accuracy of the information in this catalogue, customers are directed to their local sales office or the LGC Standards website for further details and to verify product information. Specifications, terms and pricing are subject to change. LGC does not guarantee availability and reserves the right to discontinue any product. LGC does not accept liability for any loss that is caused by inaccurate product information, customer selection or inappropriate use of a product. Unless otherwise stated all trademarks are the property of LGC or its affiliated group companies. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any retrieval system, without the written permission of the copyright holder. © LGC Limited, 2020. All rights reserved.