

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.

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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

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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):
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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.

FOR INTERNAL USE ONLY

Name	
Customer	
Site	
Currency	
Delivery address	
PO no	
Carriage	

Renew ALY	
Year for PY	
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Other	
Additional	