

UST	HSL	
<b>HAZARDOUS SUBSTANCE LIST (HSL) VOLATILES STANDARD MIXTURE</b>		
F700	Acetone	67-64-1
F704	2-Butanone	78-93-3
F705	Carbon disulfide	75-15-0
F708	2-Hexanone	541-78-6
F710	4-Methyl-2-pentanone	105-10-1
F716	Styrene	100-42-5
F719	o-Xylene	95-47-6
200ug/mL in Methanol:Water (90:10) - (7 components)		
<b>HSL-1M</b>	<b>5mL Ampule</b>	
<b>HSL-1RPM</b>	<b>5x1mL Ampules</b>	
2000ug/mL in Methanol:Water (90:10) - (7 components)		
<b>HSL-2M</b>	<b>5mL Ampule</b>	
<b>HSL-2RPM</b>	<b>5x1mL Ampules</b>	
<b>HSL-2JM</b>	<b>1mL Ampule</b>	

**The Chem Service Difference.**

Our Standards Grade Solutions and Mixtures have been reviewed for possible solvent reactions and reactions with the other components. Every solution is prepared from certified neat components and solvents and then is analytically compared with an independently prepared solution.

We quantitatively test our solutions so you do not have to test them.

That's the difference, the Chem Service difference.

International Standards			
<b>WATER SOLUBLE VOLATILES</b>			
<b>MISA ATG #18</b>			
F2	Acrolein	F2S	107-02-8
F3	Acrylonitrile	F3S	107-13-1
Neat compounds of each of the above - (2 component kit)			
<b>PP-3N</b>	<b>KIT</b>		
5mL Solutions of each, in the appropriate solvent - (2 component kit)			
<b>PP-3S</b>	<b>KIT</b>		
<b>AROCHLORS, TOXAPHENE<sup>AE</sup> &amp; CHLORDANE SOLUTIONS KIT</b>			
<b>MISA ATG#27</b>			
See page 172 for complete analyte listing.			
5mL Solutions of each, 1000ug/mL in Hexane - (9 component kit)			
<b>CTA608-1S</b>	<b>KIT</b>		

**POLYCHLORINATED BIPHENYLS**

**MISA ATG#27**

See page 171 for complete analyte listing.

Neat compounds of each of the above - (7 component kit)

**PP-8N** **KIT**

5mL Solutions of each, 100ug/mL in Methanol - (7 component kit)

**PP-8S** **KIT**

**EC PAH CHECK MIXTURE**

**EUROPE**

F74	Benzo(b)fluoranthene	205-99-2
F75	Benzo(k)fluoranthene	207-08-9
F79	1,12-Benzoperylene	191-24-2
F73	Benzo(a)pyrene	50-32-8
F39	Fluoranthene	206-44-0
F83	Indeno(1.2.3-C.D)pyrene	193-39-5

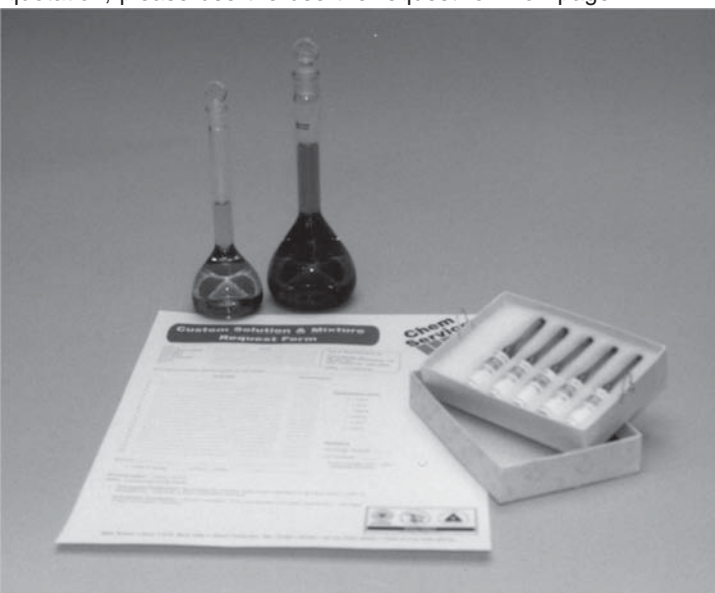
100ug/mL in Methanol - (6 components)

**PAHEC-610RPM** **5x1mL Ampules**  
**PAHEC-610JM** **1mL Ampule**

In July 1994, Germany prohibited the production, import and sale of textiles (which come into direct contact with human skin) that contained specified azo dyestuffs. Many manufacturers are requested now by international buyers to demonstrate that their products do not contain the forbidden dyes. This kit was developed to ease laboratory use of standards for azodye testing of the banned 20 amines regulated in the garment industry.

With our expertise in analyte compatibility, solubility, solution stability and analysis, Chem Service is uniquely qualified to provide your customized solutions and mixture standards. For a custom quotation, please use the use the request form on page 7.

<b>GERMAN AZODYE AMINES KIT</b>		
O-2397	o-Aminoazotoluene	97-56-3
F913	4-Aminobiphenyl	92-67-1
F5	Benzidine	92-87-5
F706	4-Chloroaniline	106-47-8
MET-840A	4-Chloro-2-methylaniline	95-69-2
F2102	2,4-Diaminotoluene	95-80-7
F28	3,3'-Dichlorobenzidine	91-94-1
F2154	3,3'-Dimethoxybenzidine	119-90-4
O-2399	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0
F2100	2-Methoxy-5-methylaniline	120-71-8
O-2398	4-Methoxy-1,3-phenylenediamine sulfate hydrate	12333-56-2
F950	4,4'-Methylene bis(o-chloroaniline)	101-14-4
O-349	4,4'-Methylenedianiline	101-77-9
F927	b-Naphthylamine	91-59-8
F934	5-Nitro-o-toluidine	99-55-8
F2127	4,4'-Oxydianiline	101-80-4
O-2400	4,4'-Thiodianiline	139-65-1
F991	o-Tolidine	119-93-7
O-354	o-Toluidine	95-53-4
F2146	2,4,5-Trimethylaniline	137-17-7
Neat compounds of each of the above - (20 component kit)		
<b>AZD-1N</b>	<b>KIT</b>	



<b>JMHW VOLATILE ORGANIC COMPOUNDS MIXTURE #1</b> <b>JAPAN</b> F4 Benzene 71-43-2 F48 Bromodichloromethane 75-27-4 F47 Bromoform 75-25-2 F6 Carbon tetrachloride 56-23-5 F51 Chlorodibromomethane 124-48-1 F23 Chloroform 67-66-3 F10 1,2-Dichloroethane 107-06-2 F29 1,1-Dichloroethene 75-35-4 F821 cis-1.2-Dichloroethene 156-99-2 F200 cis-1.3-Dichloropropene 10061-01-5 F201 trans-1.3-Dichloropropene 10061-02-6 F44 Methylene chloride 74-09-2 F85 Tetrachloroethene 127-18-4 F11 1.1.1-Trichloroethane 71-55-6 F14 1.1.2-Trichloroethane 79-00-5 F87 Trichloroethene 79-01-6  2000ug/mL in Methanol - (16 components) <b>JMHW-1M 5mL Ampule</b> <b>JMHW-1RPM 5x1mL Ampules</b> <b>JMHW-1JM 1mL Ampule</b>			<b>JMHW VOLATILE ORGANIC COMPOUNDS MIXTURE #2</b> <b>JAPAN</b> F27 1.4-Dichlorobenzene 106-46-7 F30 trans-1.2-Dichloroethene 156-60-5 F32 1.2-Dichloropropane 78-87-5 F86 Toluene 108-88-3 F719 o-Xylene 95-47-6 F829 m-Xylene 108-38-3 F830 p-Xylene 106-42-3  2000ug/mL in Methanol - (7 components) <b>JMHW-2M 5mL Ampule</b> <b>JMHW-2RPM 5x1mL Ampules</b> <b>JMHW-2JM 1mL Ampule</b>		
<b>JEA METHOD VOLATILE ORGANIC COMPOUNDS MIXTURE</b> <b>JAPAN</b> F4 Benzene 71-43-2 F6 Carbon tetrachloride 56-23-5 F29 1,1-Dichloroethene 75-35-4 F821 cis-1.2-Dichloroethene 156-99-2 F10 1,2-Dichloroethane 107-06-2 F200 cis-1.3-Dichloropropene 10061-01-5 F201 trans-1.3-Dichloropropene 10061-02-6 F44 Methylene chloride 74-09-2 F85 Tetrachloroethene 127-18-4 F11 1.1.1-Trichloroethane 71-55-6 F14 1.1.2-Trichloroethane 79-00-5 F87 Trichloroethene 79-01-6  1000ug/mL in Methanol - (12 components) <b>JEA-1M 5mL Ampule</b> <b>JEA-1RPM 5x1mL Ampules</b> <b>JEA-1JM 1mL Ampule</b>			<b>INTERNAL STANDARDS</b> <b>JAPAN JMHW</b> F833 5g 4-Bromofluorobenzene 460-00-4 F833S 5mL 2000ug/mL Methanol F833RPS 5x1mL 2000ug/mL Methanol (Ampule) F833JS 1mL 2000ug/mL Methanol (Ampule)		
<b>KDWR VOLATILE ORGANIC COMPOUNDS MIXTURE #A</b> <b>KOREA</b> F4 Benzene 71-43-2 F48 Bromodichloromethane 75-27-4 F47 Bromoform 75-25-2 F6 Carbon tetrachloride 56-23-5 F51 Chlorodibromomethane 124-48-1 F23 Chloroform 67-66-3 F29 1,1-Dichloroethene 75-35-4 F38 Ethylbenzene 100-41-4 F44 Methylene chloride 74-09-2 F65 Phenol 108-95-2 F85 Tetrachloroethene 127-18-4 F86 Toluene 108-88-3 F11 1.1.1-Trichloroethane 71-55-6 F87 Trichloroethene 79-01-6 F719 o-Xylene 95-47-6 F829 m-Xylene 108-38-3 F830 p-Xylene 106-42-3  100ug/mL in Methanol - (17 components) <b>KDWRV-1M 5mL Ampule</b> <b>KDWRV-1RPM 5x1mL Ampules</b> <b>KDWRV-1JM 1mL Ampule</b>			<b>JEA METHOD ALDEHYDES (DNPH DERIVATIVES) MIXTURE</b> <b>JAPAN</b> F2338 Acetaldehyde (DNPH Derivative) F2342 Butyraldehyde (DNPH Derivative) F2474 Isobutyraldehyde (DNPH Derivative) F2350 Isovaleraldehyde (DNPH Derivative) F2354 Propionaldehyde (DNPH Derivative) F2353 Valeraldehyde (DNPH Derivative)  100ug/mL in Ethyl acetate - (6 components) <b>JEA-2M 5mL Ampule</b> <b>JEA-2RPM 5x1mL Ampules</b> <b>JEA-2JM 1mL Ampule</b>		
<b>KDWR VOLATILE ORGANIC COMPOUNDS MIXTURE #B</b> <b>KOREA</b> F48 Bromodichloromethane 75-27-4 F47 Bromoform 75-25-2 F6 Carbon tetrachloride 56-23-5 F51 Chlorodibromomethane 124-48-1 F23 Chloroform 67-66-3 F29 1,1-Dichloroethene 75-35-4 F44 Methylene chloride 74-09-2 F85 Tetrachloroethene 127-18-4 F11 1.1.1-Trichloroethane 71-55-6 F87 Trichloroethene 79-01-6  100ug/mL in Methanol - (10 components) <b>KDWRV-2M 5mL Ampule</b> <b>KDWRV-2RPM 5x1mL Ampules</b> <b>KDWRV-2JM 1mL Ampule</b>			<b>INTERNAL STANDARDS</b> <b>JAPAN JEA</b> F839 2g Fluorobenzene 462-06-6 F839S 5mL 2000ug/mL Methanol (Ampule) F839RPS 5x1mL 2000ug/mL Methanol (Ampule) F839JS 1mL 2000ug/mL Methanol (Ampule)		
<b>KDWR PESTICIDE STANDARDS MIXTURE</b> <b>KOREA</b> F2005 Carbaryl 63-25-2 F2060 Diazinon 333-41-5 F2423 Fenitrothion 122-14-5 F2118 Malathion 121-75-5 F998 Parathion <sup>Æ</sup> 56-38-2  1000ug/mL in Methanol - (5 components) <b>KDWR-1M 5mL Ampule</b> <b>KDWR-1RPM 5x1mL Ampules</b> <b>KDWR-1JM 1mL Ampule</b>					