


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>Scientific Analysis Laboratories Ltd</b>	
	<b>Issue No: 040      Issue date: 04 June 2010</b>	
	Hadfield House Hadfield Street Old Trafford Manchester M16 9FE	<b>Contact: Mr P Harrington</b> Tel: +44 (0)161 874 2400 Fax: +44 (0)161 874 2404 E-Mail: <a href="mailto:salsales@sal ltd.co.uk">salsales@sal ltd.co.uk</a> Website: <a href="http://www.sal ltd.co.uk">www.sal ltd.co.uk</a>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
STACK GASES FLY ASH SOILS SEDIMENTS (liquid and solid matrix) VEGETATION EFFLUENT DUST CHEMICALS POTABLE, SURFACE and GROUND WATER BIOLOGICAL MATERIALS including mussels and blood FOODS (Fatty Materials and Edible Oils)	<u>Chemical Tests</u>  Poly Chlorinated Dibenzo-p-Dioxins (PCDD)  Poly Chlorinated Dibenzo Furans (PCDF)  Poly Chlorinated Biphenyls (PCBs)	Documented In-House Method Organic SOP#1 based on USEPA Method 1613 and US Federal Register Method 23, Volume 56, No 30 (Feb 13, 1991) using Gas Chromatography - High Resolution Mass Spectrometry (GC-MS) and labelled internal standards  Documented In-House Method SOP 11 based on USEPA Method 8082 using Gas Chromatography - High Resolution Mass Spectrometry and labelled internal standards
STACK GASES AMBIENT AIR SOILS SEDIMENTS (liquid and solid matrix) VEGETATION EFFLUENT POTABLE, SURFACE and GROUND WATER BIOLOGICAL MATERIALS including mussels and blood FOODS (Fatty Materials and Edible Oils)	Semi-Volatile Organic Compounds (SVOC) with boiling points between 180 - 550 °C	Methods Developed and Validated according to In-House Method SOP 12. Using one or more of the following techniques: Solvent Desorption GC-MS Direct Injection GC-MS (With or Without Prior Extraction) SIR/SIM/Scanning GC-MS



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040 Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>STACK GASES AMBIENT AIR SOILS SEDIMENTS (liquid and solid matrix) VEGETATION EFFLUENT POTABLE, SURFACE and GROUND WATER BIOLOGICAL MATERIALS including mussels and blood FOODS (Fatty Materials and Edible Oils) (cont'd)</p> <p>SOILS, SEDIMENTS (Liquid and Solid Matrix), WATERS Raw and Potable</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Volatile Organic Compounds (VOC) with boiling points between -50 to 220 °C</p> <p>Polynuclear Aromatic Hydrocarbons (EPA 16): Naphthalene Acenaphthylene Acenaphthene Fluorene Phenanthrene Anthracene Flouranthene Pyrene Benz (a) anthracene Chrysene Benzo (b) fluoranthene Benzo (k) fluoranthene Benzo (a) pyrene Indeno (123cd) pyrene Diben (ah) anthracene Benzo (ghi) perylene Total PAH (Sum of 16 Above)</p> <p>Phenols (Speciated) Phenol 2-Methylphenol (o-Cresol) 3/4-Methylphenol (m+p-Cresol) 2,6-Dimethylphenol (Xylenol) 2,5-Dimethylphenol (Xylenol) 2,3-Dimethylphenol (Xylenol)</p>	<p>Methods Developed and Validated according to In-House Method SOP 12. Using one or more of the following techniques: Purge and Trap GC-MS Solvent Desorption GC-MS Thermal Desorption GC-MS Direct Injection GC-MS (With or Without Prior Extraction) SIR/SIM/Scanning GC-MS</p> <p>Documented In-House Method SOP12A using GC-MS</p> <p>Documented In-House Method SOP12B using GC-MS</p>



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS, SEDIMENTS (Liquid and Solid Matrix), WATERS Raw and Potable (cont'd)	<u>Chemical Tests (cont'd)</u>  Semi-Volatile Organic Compounds <u>EPA 625 Suite:</u> Phenol Bis (2-chloroethyl) ether 2-Chlorophenol 1,3-Dichlorobenzene Nitrobenzene Isophorone 1,4-Dichlorobenzene 1,2-Dichlorobenzene Bis (2-chloroisopropyl) ether 2-Methylphenol 3/4 Methylphenol Hexachloroethane 2-Nitrophenol 2,4-Dimethylphenol Bis (2-chloroethoxy) methane 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloroaniline (p) Hexachlorobutadiene 4-Chloro, 3-methylphenol 2-Methylnaphthalene Hexachlorocyclopentadiene 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 2-Chloronaphthalene 2-Nitroaniline Dimethyl phthalate 2,6-Dinitrotoluene Acenaphthylene Acenaphthene 3-Nitroaniline (m) 2,4-Dinitrophenol Dibenzofuran 2,4-Dinitrotoluene 4-Nitrophenol Diethyl phthalate Fluorene 4-Chlorophenylphenyl ether 4-Nitroaniline Azobenzene 4-Bromophenylphenyl ether Hexachlorobenzene Pentachlorophenol	Documented In-House Method SOP12E using GC-MS





1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS, SEDIMENTS (Liquid and Solid Matrix), WATERS Raw and Potable (cont'd)	<p><u>Chemical Tests</u> (cont'd)</p> <p>Volatile Organic Compounds EPA 624 Suite: (cont'd)</p> <p>Bromodichloromethane cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethylene 1,3-Dichloropropane Chlorodibromomethane 1,2-Dibromomethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m+p-Xylene o-Xylene Stryene Bromoform Isopropylbenzene 1,1,2,2-Tetrachloroethane Bromobenzene 1,2,3-Trichloropropane Propylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene p-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene</p>	<p>Documented In-House Method SOP12I using GC-MS</p>



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS, SEDIMENTS (Liquid and Solid Matrix), WATERS Raw and Potable (cont'd)	<u>Chemical Tests</u> (cont'd)  Volatile Organic Compounds EPA <u>624 Suite:</u> Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethylene Methylene Chloride 1,1-Dichloroethane Trans-1,2-Dichloroethylene MTBE 2,2-Dichloropropane cis-1,2-Dichloroethylene Bromochloromethane Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,1-Dichloropropene Benzene 1,2-Dichloroethane Trichloroethylene 1,2-Dichloropropane Dibromomethane Bromodichloromethane cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethylene 1,3-Dichloropropane Chlorodibromomethane 1,2-Dibromomethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethylbenzene m+p-Xylene o-Xylene Stryene Bromoform Isopropylbenzene 1,1,2,2-Tetrachloroethane Bromobenzene 1,2,3-Trichloropropane Propylbenzene	Documented In-House Method SOP12H using Purge and Trap GC-MS



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS, SEDIMENTS (Liquid and Solid Matrix) WATERS Raw and Potable (cont'd)	<u>Chemical Tests</u> (cont'd)  Volatile Organic Compounds EPA <u>624 Suite:</u> (cont'd)  2-Chlorotoluene 1,3,5-Trimethylbenzene 4-Chlorotoluene tert-Butylbenzene 1,2,4-Trimethylbenzene sec-Butylbenzene p-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene n-Butylbenzene 1,2-Dichlorobenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene Hexachlorobutadiene Naphthalene 1,2,3-Trichlorobenzene	Documented In-House Method SOP12H using Purge and Trap GC-MS
CARBON/TENAX FILTERS	BTEX/VOC: Benzene Styrene Naphthalene Ethanol Acetone MTBE Hexane MEK Ethyl Acetate Isobutanol Benzene Isopropylacetate Butanol 1-Methoxy-2-propanol MIBK Toluene Butyl Acetate Ethylbenzene 1-Methoxy-2-propyl acetate m+p Xylene o-Xylene 1,3,5-Trimethylbenzene 1,2,4-Trimethylbenzene 1,2,3-Trimethylbenzene	Documented In-House Methods SOP12F and SOP12G using GC-MS



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS	<u>Chemical Tests (cont'd)</u>  Organochlorine Pesticides: Alpha-HCH HCB Gamma-HCH (Lindane) Beta-HCH Heptachlor Aldrin Isodrin Heptachlor Epoxide Cis-Chlordane Trans-Chlordane Alpha-Endosulphan p,p-DDE Dieldrin Endrin p,p-DDD p,p-DDT Dichlorvos Mevinphos Trifluralin Dimethoate Diazinon Pirimiphos-Methyl Malathion Fenitrothion Chlorpyrifos Parathion Clofenvinfos Carbofenthion Azinphos Methyl	Documented In-House Method SOP12C using GC-MS
STACK GASES	Poly Chlorinated Dibenzo-p-Dioxins (PCDD) Poly Chlorinated Dibenzo Furans (PCDF)	Documented In-House Method SOP#1 incorporating analytical requirements of BS/EN 1948:2005
STACK GASES	Polynuclear Aromatic Hydrocarbons (PAH's): Naphthalene Acenaphthylene Fluorene Phenanthrene Anthracene Flouranthene Pyrene Benz (a) anthracene	Documented In-House Method SOP12K using GC-MS





1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040 Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
LEACHATES, SOILS, SLUDGES and SEDIMENTS WATERS, Raw and Potable WASTE WATERS, Treated and Untreated, Industrial and Domestic Waste (cont'd)	<u>Chemical Tests</u> (cont'd)  Phenols (Monohydric)  Total and speciated petroleum hydrocarbons	Procedures Manual (Inorganic) Section 9 based on MEWAM ISBN 0117516171, HMSO 1981 by Spectrometry  Documented In-House Method SOP 6M using GC-FID
LEACHATES, WATERS, Raw and Potable WASTE WATERS, Treated and Untreated, Industrial and Domestic Waste	Ammonia	Procedure Manual (Inorganic) Section 14 based on MEWAM ISBN 0117516139, HMSO 1981 by Spectrophotometry
LEACHATES, SOILS, SLUDGES and SEDIMENTS WATERS, Raw and Potable WASTE WATERS, Treated and Untreated, Industrial and Domestic FILTERS STACK GAS ABSORPTION SOLUTIONS	Aluminium Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Molybdenum Nickel Selenium Tin Vanadium Zinc	Procedures Manual (Inorganic) Section 18 based on MEWAM ISBN 0117516155, HMSO 1981, and, APHA-AWWA-WPCF 1992, 18th Edition by Inductively Coupled Plasma Optical Emission Spectrometry
WATERS, Potable and Ground LEACHATES, Landfill and Prepared	Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury	Procedures Manual (Inorganic) Section 23 using ICP-MS



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>WATERS, Potable and Ground LEACHATES, Landfill and Prepared (cont'd)</p> <p>LEACHATES SOILS, SLUDGES and SEDIMENTS WATERS, Raw and Potable WASTE WATERS, Treated and Untreated, Industrial and Domestic</p> <p>WATERS, Raw, Potable</p> <p>COLLECTION SUBSTRATES (Filters), I.O.M CASSETTES and PUF's, including EMFAB filters</p> <p>QUARTZ FILTERS and ASSOCIATED ACETONE WASHINGS</p> <p>POLLUTANTS and EFFLUENTS: Stack Emissions</p> <p>Filters and Impingers</p>	<p><u>Chemical Tests</u> (cont'd)</p> <p>Continued from Page 10</p> <p>Molybdenum Nickel Selenium Vanadium Zinc</p> <p><u>Physical Tests</u></p> <p>pH</p> <p>Total Organic Carbon</p> <p>Particulate Weights</p> <p>Total Particulate</p> <p><u>Chemical Tests</u></p> <p>Total Metals: As, Cd, Cr, Co, Cu, Mn, Ni, Pb, Sb, Ti, Be and V</p>	<p>Procedures Manual (Inorganic) Section 19 based on BS 1377:Part 3:1990, MEWAM ISBN 0117514284, HMSO 1978, and, APHA-AWWA-WPCF 1992, 18th Edition</p> <p>Documented In-House Method SAL Organic SOP # 13 based upon Part 5310, APHA-AWWA-WEF 1995 and EN 1484:1987 by High Temperature Catalytic Combustion and Infrared</p> <p>Documented in House Method SAL Organic SOP # 14 (Based on MDHS 14-3)</p> <p>Documented In-House Method SAL Organic SOP # 14 to BS EN ISO 13284-1:2002</p> <p>Procedures Manual (Inorganic) Section 21 to meet the requirements of BS EN 14385:2004 by HF/HNO3 digest and ICP-MS</p>



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040 Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
POLLUTANTS and EFFLUENTS: Stack Emissions (cont'd)	<u>Chemical Tests</u> (cont'd)	
Filters and Impingers (cont'd)	Mercury	Procedures Manual (Inorganic) Section 22 to meet the requirements of BS EN 13211:2001 BS EN 14385:2004 and EA MID 14385 by HF/HNO3 digest and CV AFS
Deionised water and Sodium Hydroxide impinger solutions	Fluoride Chloride Nitrite Nitrate Bromide Phosphate Sulphate	Procedures Manual (Inorganic) Section 11 to meet the requirements of BS 15713:2006, EA MID15713, BS1911:1998 and USEPA Method 26 by Ion Chromatography
Hydrogen Peroxide impinger solutions	Sulphate	Procedures Manual (Inorganic) Section 11 to meet the requirements of BS 14791:2005 by Ion Chromatography.
Filters and impinger solutions (Toluene and 1-(2-methoxy phenyl) piperazine)	Isocyanates: - 1,6-hexamethylene isocyanate - 2,4-toluene diisocyanate - 2,6-toluene diisocyanate - 4,4'-methylene(bis) phenylisocyanate - isophorone diisocyanate - dicyclohexylmethane diisocyanate	MDHS 25/3 using HPLC analysis (SOP 15)
CHARCOAL TUBES	TPH's	Documented in-house method SOP 6M by GC-FID
TREATED SEWAGE EFFLUENT	Pesticides: Dichlorvos Trifluralin Alpha-HCH HCB Simazine Atrazine Gamma-HCH (Lindane) Beta-HCH Fenitrothion Malathion Aldrin	SOP 12M by GC-MS



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TREATED SEWAGE EFFLUENT (cont'd)	<u>Chemical Tests</u> (cont'd)  Pesticides: (cont'd)  Alpha-Endosulfan Dieldrin Endrin Beta-Endosulfan o,p-DDT p,p-DDT Azinphos Methyl Cis-Permethrin Trans-Permethrin	SOP 12M by GC-MS
ADSORBENT BADGES	Sevoflurane Halothane Isoflurane	SOP 12N by GC-MS
SOILS	<u>Chemical Tests</u>  pH  Polynuclear Aromatic Hydrocarbons: Naphthalene Acenaphthylene Acenaphthene Fluorene Phenathrene Anthracene Benz(a)anthracene Chrysene	Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil  Procedures Manual (Inorganic) Section 19 based on BS 1377:Part 3:1990, MEWAM ISBN 011 751 428 4, HMSO 1978, and APHA-AWWA-WPCF 1992, 18 <sup>th</sup> Edition  Documented In-House Generic Method SOP 12 using GC-MS SIM



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**

**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS (cont'd)	<p><u>Chemical Tests</u> (cont'd)</p> <p>Poly Chlorinated Biphenyls (PCBs): IUPAC No 28 52 101 118 153 138 180</p> <p>Total and speciated Petroleum Hydrocarbons: (C<sub>10</sub> - C<sub>35</sub>) Also banding, including: C10-C12, &gt;C12-C16, &gt;C16-C21, &gt;C21-C35</p> <p>Total and speciated Petroleum Hydrocarbons - Aromatic/Aliphatic Split: (C10 - C35) Also banding, including: C10-C12, &gt;C12-C16, &gt;C16-C21, &gt;C21-C35</p> <p>Arsenic Cadmium Chromium Cobalt Copper Lead Manganese Mercury Molybdenum Nickel Selenium Tin Vanadium Zinc</p>	<p>Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil (cont'd)</p> <p>Documented In-House Method SOP 11 based on USEPA Method 8082 using Gas Chromatography - High Resolution Mass Spectrometry and labelled internal standards</p> <p>Documented In-House Method SOP 6M using GC-FID</p> <p>Documented In-House Method SOP 6M using GC-FID</p> <p>Procedures Manual (Inorganic) Section 18 based on MEWAM ISBN 0117516155, HMSO 1981, and, APHA-AWWA-WPCF 1992, 18th Edition by Inductively Coupled Plasma Optical Emission Spectrometry</p>



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS (cont'd)	<u>Chemical Tests (cont'd)</u>  Volatile Organic Compounds (VOC): Dichlorodifluoromethane Vinyl Chloride Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Dichloromethane MTBE Trans-1,2-Dichloroethene 1,1-Dichloroethane Cis-1,2-Dichloroethene Chloroform Bromochloromethane 1,1,1-Trichloroethane 1,1-Dichloropropene Carbon Tetrachloride 1,2-Dichloroethane Benzene 1,2-Dichloropropane Trichloroethene Bromodichloromethane Dibromomethane Cis-1,3-dichloropropene Toluene Trans-1,3-Dichloropropene 1,1,2-Trichloroethane 1,3-Dichloropropane Dibromochloromethane 1,2-Dibromoethane Chlorobenzene 1,1,1,2-Tetrachloroethane Ethyl Benzene m,p-Xylene o-Xylene Bromoform Isopropylbenzene n-Propylbenzene Bromobenzene 1,3,5-Trimethylbenzene Tert-Butylbenzene 1,2,4-Trimethylbenzene	Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil (cont'd)  Documented In-House Method SOP12J using GC-MS Scan



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS (cont'd)	<p><u>Chemical Tests</u> (cont'd)</p> <p>Volatile Organic Compounds (VOC) (cont'd)</p> <p>Sec-Butylbenzene p-Isopropyltoluene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene</p> <p>Semi-Volatile Organic Compounds (SVOC): Phenol Bis (2-chloroethyl) ether 2-Chlorophenol 1,3-Dichlorobenzene Nitrobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene Bis (2-chloroisopropyl) ether 2-Methylphenol 3/4 Methylphenol Bis (2-chloroethoxy) methane 1,2,4-Trichlorobenzene Naphthalene Hexachlorobutadiene 4-Chloro, 3-methylphenol 2-Methylnaphthalene 2-Chloronaphthalene 2-Nitroaniline Acenaphthene Dibenzofuran 2,4-Dinitrotoluene Fluorene 4-Chlorophenylphenyl ether Azobenzene 4-Bromophenylphenyl ether Hexachlorobenzene Phenanthrene Dibutyl phthalate Fluoranthrene Pyrene Benz (a) anthracene</p>	<p>Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil (cont'd)</p> <p>Documented In-House Method SOP12J using GC-MS Scan</p> <p>Documented In-House Method SOP12E using GC-MS Scan</p>



1549

Accredited to  
ISO/IEC 17025:2005

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

**Scientific Analysis Laboratories Ltd**  
**Issue No: 040    Issue date: 04 June 2010**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
SOILS (cont'd)	<u>Chemical Tests</u> (cont'd)  Semi-Volatile Organic Compounds (SVOC): (cont'd)  Chrysene Bis (2-ethylhexyl) phthalate Di-octyl phthalate Benzo (b) fluoranthrene Benzo (k) fluoranthrene Benzo (a) pyrene Indeno (123cd) pyrene Dibenz (ah) anthracene Benzo (ghi) perylene	Documented In-House Methods to meet the requirements of the Environment Agency MCERTS Performance Standard - Chemical Testing of Soil (cont'd)  Documented In-House Method SOP12E using GC-MS Scan
	END	