


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>2117</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p style="text-align: center;">Institute of Naval Medicine</p> <p style="text-align: center;">Issue No: 060 Issue date: 25 April 2025</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;"> Environmental and Industrial Hazards Laboratory Crescent Road Alverstoke Gosport Hampshire PO12 2DL </td><td style="width: 50%;"> Contact: Margaret Lane Tel: +44 (0) 23 9276 8186 E-Mail: Margaret.lane300@mod.gov.uk </td></tr> </table>	Environmental and Industrial Hazards Laboratory Crescent Road Alverstoke Gosport Hampshire PO12 2DL	Contact: Margaret Lane Tel: +44 (0) 23 9276 8186 E-Mail: Margaret.lane300@mod.gov.uk
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Testing performed at the above address only			

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>WATERS</p> <p>Drinking waters and process waters (high purity)</p> <p>Drinking Water (non-regulatory), Process Waters (high purity)</p> <p>Drinking Water (Non-Regulatory), High Purity Water</p> <p>Drinking Waters & Process Waters (high purity)</p> <p>Waste Waters</p>	<p><u>Chemical and Physical Tests</u></p> <p>Anions: Bromide Chloride Chlorate Chlorite Fluoride Nitrate Nitrite Phosphate Sulphate Nitrite / Nitrate formula (by calculation – as defined by The Water Supply (Water Quality) Regulations 2016)</p> <p>Ammonia</p> <p>Barium Calcium Magnesium Potassium Sodium Strontium Hardness (by Calculation)</p> <p>pH Electrical Conductivity Turbidity</p> <p>Suspended Matter</p>	<p>Documented In-House Methods</p> <p>Method I080 by Ion Chromatography</p> <p>Method I084 by Continuous Flow Analyser</p> <p>Method I085 by ICPOES</p> <p>Method I082 using autoanalyser</p> <p>Method G025 by Gravimetry</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS (cont'd) Drinking Water (Non-regulatory), High Purity Waters	<u>Chemical Tests</u> Volatile Organic Compounds: Bromobenzene Bromochloromethane n-Butylbenzene Sec-Butylbenzene Tert-Butylbenzene Chlorobenzene 2-Chlorotoluene 4-Chlorotoluene 1,2-Dibromoethane Dibromomethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethene Cis-1,2-Dichloroethene Trans-1,2-Dichloroethene Dichloromethane 1,2-Dichloropropane 1,3-Dichloropropane 2,2-Dichloropropane 1,1-Dichloropropene Ethyl Benzene Hexachlorobutadiene Isopropylbenzene p-Isopropyltoluene Napthalene n-Propylbenzene Styrene 1,1,1,2-Tetrachloroethane Toluene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropropane 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m&p Xylene o-Xylene Benzene Bromodichloromethane Bromoform Carbon Tetrachloride	Documented In House Methods Method O018 by HS-GC/MS



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WATERS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods
Drinking Water (non-regulatory), High Purity Waters	Chloroform Dibromochloromethane 1,2-Dichloroethane Tetrachloroethene	Method O018 by HS-GC/MS
	<u>Microbiological Tests</u>	Documented In-House Methods
Potable water, bottled water and pool water	<i>Pseudomonas aeruginosa</i> (isolation and enumeration)	Method B004 by Membrane Filtration
Potable water, bottled water, deionised water and pool water	Faecal Enterococci (isolation and enumeration)	Method B005 by Membrane Filtration
Potable water and pool water	Total Coliforms and <i>E coli</i>	Method B041 using Colilert



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ATMOSPHERIC POLLUTANTS Collected on adsorbent tubes	<p><u>Chemical Tests</u></p> <p>Volatile Organic Compounds</p> <p>Benzene Butan-1-ol Butan-2-ol Butoxyethanol Carbon Tetrachloride Chloroform 1,2-Dibromoethane 1,4-Dichlorobenzene 1,2-Dichloroethane Ethoxyethanol Ethylbenzene m-Ethyltoluene o-Ethyltoluene Methoxyethanol Methoxypropanol 1-Methylnaphthalene Naphthalene Styrene 1,1,2,2-Tetrachloroethane Tetrachloroethylene Toluene 1,1,1-Trichloroethane (Methyl Chloroform) 1,1,2-Trichloroethane Trichloroethylene 1,2,3-Trimethylbenzene 1,2,4-Trimethylbenzene 1,3,5-Trimethylbenzene m and p -Xylene o-Xylene 2-Butanone (MEK) Ethoxyethylacetate Ethylacetate 2-Hexanone (MBK) 4-Methyl-2-Pentanone (IBMK)</p>	<p>Documented In-House Methods</p> <p>Method O004 by ATD GCMS</p>



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Volatile Organic Compounds in air collected in canisters	<p><u>Chemical Tests</u> (cont'd)</p> <p>Analysis of the following Volatile Organic Compounds:</p> <p>Acetone Acrolein Benzene Benzyl chloride Bromodichloromethane Bromoform Bromomethane 1,3-Butadiene 2-Butanone Carbon disulfide Carbon Tetrachloride Chlorobenzene Chloroethane Chloromethane Cyclohexane Dibromochloromethane 1,2-dibromoethane 1,2-dichlorobenzene 1,3-dichlorobenzene 1,4-dichlorobenzene 1,1-dichloroethane 1,2-dichloroethane, 1,1-dichloroethene cis-1,2-Dichloroethylene trans-1,2-dichloroethylene Dichlorodifluoromethane Dichloromethane 1,2-dichloropropane cis-1,3-dichloropropene trans-1,3-dichloropropene 1,2-dichlorotetrafluoroethane 1,4-Dioxane Ethanol Ethyl Acetate Ethylbenzene p-ethyltoluene Heptane Hexachlorobutadiene Hexachlorobutadiene Hexane 2-Hexanone</p>	<p>Documented In-House Methods</p> <p>Method O017 using GC-MS to analyse whole air samples collected in TO canisters</p>



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Volatile Organic Compounds in air collected in canisters (cont'd)	<p><u>Chemical Tests (cont'd)</u></p> <p>Analysis of the following Volatile Organic Compounds: (cont'd)</p> <p>Isopropyl Alcohol Methyl Isobutyl Ketone Methyl methacrylate Methyl tert-butyl ether Naphthalene Propene Styrene 1,1,2,2-tetrachloroethane Tetrachloroethylene Tetrahydrofuran Toluene 1,2,4-trichlorobenzene 1,1,1-trichloroethane 1,1,2-trichloroethane Trichloroethylene Trichloromethane 1,1,2-trichloro-1,2,2-trifluor Trichloromonofluoromethane 1,2,4-trimethylbenzene 1,3,5-trimethylbenzene Vinyl acetate Vinyl chloride m/p-Xylene o-Xylene</p>	<p>Documented In-House Methods</p> <p>Method O017 using GC-MS to analyse whole air samples collected in TO canisters</p>
Mixed Cellulose Filters	<p>Metals:</p> <p>Arsenic Beryllium Cadmium Cobalt Chromium Copper Iron Manganese Nickel Lead Vanadium Zinc</p>	<p>Method I073 by ICP-MS</p>
END		