


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>4303</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p><b>Decus Research Limited</b></p> <p>Issue No: 018 Issue date: 03 August 2021</p>	
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<p>Testing performed at the above address only</p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER (Drinking (non regulatory), Ground, Surface and Treated sewage)	<u>Chemistry Testing</u>	Documented In-house procedures based on/incorporating published Procedures in the HMSO Series 'Methods for the Examination of Waters and Associated Materials' referenced by the ISBN number and year
	Ammonia	Method AM.01.12 INORG-L12 by discrete analyser
	Chloride	Method AM.01.13 INORG-L13 by discrete analyser
	Alkalinity	AM.01.09 INORG-L09 by discrete analyser
	Biochemical oxygen demand	Method INORG-L06.1 using titration
	Chemical oxygen demand	Method INORG-L05 ISBN 011 751 915 4, 1986
	Conductivity	Method AM.01.02 INORG-L02 by discrete analyser
	Total dissolved solids (by calculation):	Method AM.01.02 INORG-L02 by calculation
	Fluoride	Method AM.01.15 INORG-L15 by discrete analyser
Dissolved oxygen	Method INORG-L08 ISBN 011 751 630 9, 1981	



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<p>WATER (cont'd)</p> <p>(Drinking (non regulatory), Ground, Surface and Treated sewage)</p> <p>(Drinking (non regulatory), Ground, Surface)</p> <p>(Drinking (non regulatory), Ground, Surface and Treated sewage)</p>	<p><u>Chemistry Testing</u> (cont'd)</p> <p>Nitrite</p> <p>Orthophosphate</p> <p>Total hardness (calculation)</p> <p>Total Phenol</p> <p>TOC/DOC</p> <p>Total suspended solids</p> <p>pH</p> <p><u>Metals:</u></p> <p>Aluminium Barium Beryllium Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Manganese Magnesium Molybdenum Nickel Phosphate Potassium</p>	<p>Method AM.01.14 INORG-L14 by discrete analyser</p> <p>Method AM.01.21 INORG-L21 by discrete analyser</p> <p>(Calculation based on Ca and Mg analysis using METALS-L) ISBN 011 751 600 7, 1981</p> <p>AM.01.20 INORG-L20 by discrete analyser</p> <p>Method INORG-L18 (Colorimetric) ISBN</p> <p>Method INORG-L10 ISBN 011 751 957 X, 1980</p> <p>AM.01.01 INORG-L01 by discrete analyser</p> <p>Method METALS L and METALS LP-01 using ICP-OES</p>



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WATER (cont'd)  (Drinking (non regulatory), Ground, Surface and Treated sewage)	<u>Chemistry Testing</u> (cont'd)  <u>Metals:</u> (cont'd)  Sodium Sulphate (calculation) Titanium Vanadium Zinc  Total Oxidised Nitrogen (TON) Nitrate (by calculation)	Method METALS L and METALS LP-01 using ICP-OES        Method AM.01.11 INORG-L11 by discrete analyser
WATERS (Drinking (non regulatory), Ground and Surface)	Colour	Method AM.01.04 INORG-L04 by discrete analyser.
WATERS (Ground water and prepared leachate)	Mecoprop	Method ORG-L17 using liquid/liquid extraction and GC-MS
Ground water and Treated sewage	Polyaromatic hydrocarbons:  2-bromo naphthalene Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(b)fluoranthene Benzo(k)anthracene Benzo(a)pyrene Benzo(ghi)perylene Dibenzo(ah)anthracene Fluoranthene Fluorene Indeno(123-cd)pyrene Naphthalene Phenanthrene Pyrene	Method ORG - L02 using liquid/liquid extraction and GC-MS

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