


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4303</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Decus Research Limited</p> <p>Issue No: 020 Issue date: 25 July 2024</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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WATER (cont'd)	<u>Chemistry Testing</u> (cont'd)	
(Drinking (non regulatory), Ground, Surface and Treated sewage)	Nitrite	Method AM.01.14 INORG-L14 by discrete analyser
	Orthophosphate	Method AM.01.21 INORG-L21 by discrete analyser
	Total hardness (calculation)	(Calculation based on Ca and Mg analysis using METALS-L) ISBN 011 751 600 7, 1981
	Total Phenol	AM.01.20 INORG-L20 by discrete analyser
	TOC/DOC	Method INORG-L18 (Colorimetric) ISBN
(Drinking (non regulatory), Ground, Surface)	Total suspended solids	Method INORG-L10 ISBN 011 751 957 X, 1980
(Drinking (non regulatory), Ground, Surface and Treated sewage)	pH	AM.01.01 INORG-L01 by discrete analyser
	<u>Metals:</u>	Method METALS L and METALS LP-01 using ICP-OES
	Aluminium	
	Barium	
	Beryllium	
	Boron	
	Cadmium	
	Calcium	
	Chromium	
	Cobalt	
	Copper	
	Iron	
	Lead	
	Manganese	
	Magnesium	
	Molybdenum	
	Nickel	
	Phosphate	
	Potassium	



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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 Drinking water (non-regulatory) including bottled water. Ground water. Recreational Swimming pool water	Microbial Tests Enumeration of: Aerobic colony count at 22 °C and 37°C	 MW01P based on MoDW Part 7, 2020
Drinking water (non-regulatory) including bottled water. Ground water.	Coliform and E. coli	MW020P Using Bio-Rad Rapid'E.coli 2 agar
Drinking water (non-regulatory) including bottled water. Ground water. Recreational Swimming pool water	Pseudomonas aeruginosa	MW05P using Bio-Rad Rapid'P. aeruginosa Agar
Drinking water (non-regulatory) including bottled water. Ground water. Recreational Swimming pool water	Sulphite-reducing Clostridia	MW03P based on MoDW Part 6, 2021
Drinking water (non-regulatory) including bottled water. Ground water. Recreational Swimming pool water	Presumptive Enterococci	MW04P based on MoDW Part 5, 2021
END		