

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7620 Accredited to ISO/IEC 17025:2017	Alpha Scientific Limited trading as Alpha Scientific	
	Issue No: 016 Issue date: 23 February 2021	
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Testing performed by the Organisation at the locations specified		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 688 Stirling Road Slough Trading Estate Slough SL1 4ST	Local contact Harpreet Johal	Microbiological and Chemical Testing
Address Unit 20 Shearer Way Agecroft Enterprise Park Swinton Manchester Lancashire M27 8WA	Local contact Harpreet Johal	Microbiological Testing



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS	<u>Microbiological Tests</u>	Documented In-House Methods based on Standing Committee of Analysts Methods for the Examination of Waters and Associated Materials, Environment Agency publication: "The Microbiology of Drinking Water", unless otherwise stated	
Drinking water (non-regulatory), surface water, treated & process waters	Total Viable Counts: - 1 day, 37°C - 2 day, 37°C	Method AM-01 (Yeast Extract Agar) based on "The Microbiology of Drinking Water" Part 7	A, B
Treated and process water	- 2 day, 30°C		
Drinking water (non-regulatory), surface water, treated and process water	- 3 day, 22°C		
Swimming pool and spa water	- 1 day, 37°C		
Reverse osmosis water	- 2 day, 37°C (R2A) - 7 day, 22°C (R2A)	Method AM-01 (R2A option)	A, B
Drinking water (non-regulatory), surface, treated, process, swimming pool and spa water	E.coli & Total Coliforms (enumeration and confirmation)	Method AM-02 (membrane filtration MLGA and confirmation) based on "The Microbiology of Drinking Water" Part 4	A, B
	Enterococci (enumeration and confirmation)	Method AM-03 (membrane filtration and confirmation) based on "The Microbiology of Drinking Water" Part 5	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	<u>Microbiological Tests (cont'd)</u>		
Drinking water (non-regulatory), treated, process, swimming pool and spa water	Legionella spp including - Legionella pneumophila serogroup 1 - Legionella pneumophila serogroup 2-14 (enumeration and confirmation)	In-house method AM-06 (membrane filtration and latex agglutination) based on ISO 11731:2017	A, B
Drinking water (non-regulatory), treated, process, swimming pool and spa water	Pseudomonas Aeruginosa (enumeration and confirmation)	Method AM-05 (membrane filtration and confirmation) based on "The Microbiology of Drinking Water" Part 8	A, B
Drinking water (non-regulatory), treated, process, swimming pool and spa water	Presumptive Pseudomonads (detection and enumeration)	Method AM-08 (membrane filtration) based on "The Microbiology of Drinking Water" Part 8	A, B
RO, endoscopy and dialysate water	Bacterial Endotoxin detection and quantification	Method AM-21 using kinetic turbidimetric LAL assay	A
Washer disinfectant waters	Total Viable Count (36°C)	Method AM – 09 Total Viable Count – 100ml (Filtration Method) following Health Technical Memorandum (HTM) 01.01	A
Endoscope Washer disinfectants	Total Viable Count (30°C)	Method AM – 09 Total Viable Count – 100ml (Filtration Method) following Health Technical Memorandum (HTM) 01.06	A
Dialysates/RO waters	Total Viable Count (22°C)	Method AM – 09 Total Viable Count – 100ml (Filtration Method) following Renal Associations Guidelines	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	<u>Chemistry Tests</u>	Documented in-house methods:	
Potable water (non-regulatory) and Process waters (closed water systems)	pH	In-house method AMC 02 by meter	A
Potable water (non-regulatory), Process waters (closed water systems), swimming pool water	pH	In-house method AMC 02a by automated titration	A
Potable water (non-regulatory), Process waters (closed water systems)	Conductivity	In-house method AMC 01 by meter	A
Potable water (non-regulatory), Process waters (closed water systems)	Alkalinity	In-house method AMC 03 by titration	A
Potable water (non-regulatory), Process waters (closed water systems), swimming pool water	Alkalinity	In-house method AMC 03a by automated titration	A
Potable water (non-regulatory), Process waters (closed water systems)	Hardness	In-house method AMC 10 by titration	A
Process Waters (Closed Water Systems)	Ammonia	In-house method AMC 17 by Ion Chromatography (IC)	A
Process Waters (Closed Water Systems)	Dissolved and total metals: Copper Iron Zinc	In-house method AMC 11 by Atomic Absorption Spectrometry (AAS)	A
END			