

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: 025 Issue date: 10 February 2025	
	688 Stirling Road Slough Trading Estate Slough SL1 4ST	Contact: Abid Sayed Tel: +44 (0)1753 567442 Fax +44 (0)1753 567442 E-Mail: c.services@alphascientific.co.uk Website: http://alphascientific.co.uk
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 Abid Sayed	Microbiological and Chemical Testing	A
Address Hexagon Tower Crumpsall Vale Blackley Manchester M9 8GQ	Local contact Abid Sayed	Microbiological Testing	B



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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	
Drinking water (non-regulatory), surface water, treated & process waters	Enumeration of: Total Viable Counts: - 1 day, 37°C - 2 day, 37°C	AM-01 based on The Microbiology of Drinking Water, Part 7 2020	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)	AM-01 (R2A option)	A, B
Drinking water (non-regulatory), surface, treated, process, swimming pool and spa water	Total Coliforms & <i>E. coli</i>	AM-02 using membrane filtration and MLGA based on The Microbiology of Drinking Water, Part 4 2016	A, B
	Enterococci	AM-03 (membrane filtration and confirmation) based on The Microbiology of Drinking Water, Part 5 2012	A
Drinking water (non-regulatory), treated, process, swimming pool and spa water	<i>Pseudomonas aeruginosa</i>	AM-05 based on The Microbiology of Drinking Water, Part 8 2015	A, B
	<i>Pseudomonas</i> species (presumptive)	AM-08 based on The Microbiology of Drinking Water, Part 8 2015	A, B



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WATERS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods	
RO, endoscopy and dialysate water	Bacterial Endotoxin detection and quantification	AM-21 using kinetic turbidimetric LAL assay	A
Drinking water (non-regulatory), treated, process, swimming pool and spa water	Enumeration of: <i>Legionella spp</i> including identification of: - <i>Legionella pneumophila</i> serogroup 1 - <i>Legionella pneumophila</i> serogroup 2-14	AM-06 based on ISO 11731:2017 using filtration with washing, using GVPC, identification by latex agglutination [Matrix A & B, procedures 8, 9 with optional procedure 10. Media C]	A, B
Washer disinfectant waters	Total Viable Count (36°C)	AM – 09 based on HTM 01-01, Part D 2016 using membrane filtration, 100ml	A
Endoscope Washer disinfectants	Total Viable Count (30°C)	AM – 09 based on HTM 01-06, Decontamination of flexible endoscopes, Part E 2016, using Filtration Method, 100ml	A
Dialysates/RO waters	Total Viable Count (22°C)	AM – 09 based on BS EN 23500-3:2024, using membrane filtration, 100ml	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	AMC 02 by meter	A
Potable water (non-regulatory), Process waters (closed water systems), swimming pool water	pH	AMC 02a by automated titration	A
Potable water (non-regulatory), Process waters (closed water systems)	Conductivity	AMC 01 by meter	A
Potable water (non-regulatory), Process waters (closed water systems)	Alkalinity	AMC 03 by titration	A
Potable water (non-regulatory), Process waters (closed water systems), swimming pool water	Alkalinity	AMC 03a by automated titration	A
Potable water (non-regulatory), Process waters (closed water systems)	Hardness	AMC 10 by titration	A
Process Waters (Closed Water Systems)	Ammonia	AMC 17 by Ion Chromatography (IC)	A
Process Waters (Closed Water Systems)	Dissolved and total metals: Aluminium Arsenic Copper Iron Lithium Magnesium Molybdate (MoO ₄) Phosphorus Potassium Zinc	AMC 19 by ICP OES	A
END			