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: 023 **Issue date:** 02 April 2024

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 Unit 20 Shearer Way Agecroft Enterprise Park Swinton Manchester Lancashire M27 8WA	**Local contact** Abid Sayed	Microbiological Testing	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS	Microbiological Tests	Documented In-House Methods	
	Enumeration of:		
Drinking water (non-regulatory), surface water, treated & process waters	Total Viable Counts: - 1 day, 37°C - 2 day, 37°C	Method 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)	Method AM-01 (R2A option)	A, B
Drinking water (non-regulatory), surface, treated, process, swimming pool and spa water	Total Coliforms & *E. coli*	Method AM-02 using membrane filtration and MLGA based on The Microbiology of Drinking Water, Part 4 2016	A, B
	Enterococci	Method 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	*Pseudomonas aeruginosa*	Method AM-05 based on The Microbiology of Drinking Water, Part 8 2015	A, B
	Pseudomonas species (presumptive)	Method AM-08 based on The Microbiology of Drinking Water, Part 8 2015	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Microbiological Tests (cont'd)	Documented In-House Methods	
	Isolation and enumeration of:		
Drinking water (non-regulatory), treated, process, swimming pool and spa water	*Legionella spp* including identification of: - *Legionella pneumophila* serogroup 1 - *Legionella pneumophila* serogroup 2-14	In-house method 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
RO, endoscopy and dialysate water	Bacterial Endotoxin detection and quantification	Method AM-21 using kinetic turbidimetric LAL assay	A
	Enumeration of:		
Washer disinfector waters	Total Viable Count (36ºC)	Method AM – 09 based on HTM 01-01, Part D 2016 using membrane filtration, 100ml	A
Endoscope Washer disinfectors	Total Viable Count (30ºC)	Method 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 (22ºC)	Method AM – 09 based on BS EN 23500-3:2019, using membrane filtration, 100ml	A

Alpha Scientific Limited trading as Alpha Scientific

Issue No: 023 **Issue date:** 02 April 2024

7620

Accredited to ISO/IEC 17025:2017

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS	Chemistry Tests	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: Aluminium Arsenic Copper Iron Lithium Magnesium Molybdate (MoO_4) Phosphorus Potassium Zinc	In-house method AMC 19 by ICP OES	A

END