Schedule of Accreditation

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United Kingdom Accreditation Service

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

2279

Accredited to ISO/IEC 17025:2017

Normec Latis Scientific Ltd

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Unit C1 Acorn Industrial Park Crayford Kent DA1 4AL	**Local contact:** Anthony Duffy	Chemical and Physical Tests & Microbiological Tests	A
Address Unit 2 Park Road Industrial Estate Consett County Durham DH8 5PY	**Local contact:** Anthony Duffy	Microbiological Tests	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS	Chemical and Physical Tests	Documented In-House Methods	
Raw, Drinking (Non-Regulatory), Waste Waters and Process waters (including Purified water) & Recreational waters	Permanganate Value	CHEM008 by titration	A
Raw, Drinking (Non-Regulatory) and Waste Waters	Dissolved Oxygen	CHEM009 by titration	A
Drinking (Non-Regulatory) and Process waters (including Purified water) & Recreational waters	Nitrite	CHEM027 by colorimetry	A
Raw, Drinking (Non-Regulatory) and Process waters (including Purified water) & Recreational waters	Ammonia and Albuminoids	CHEM011 by colorimetry	A
Raw, Drinking (Non-Regulatory), Waste Waters and Process waters (including Purified water)	Total Alkalinity	CHEM013 by titration	A
Raw, Drinking (Non-Regulatory), Waste Waters and Process waters (including Purified water) & Recreational waters	Total Hardness	CHEM014 by titration	A
Drinking (non-regulatory), Surface, and Process Waters, (including purified water), Trade Effluents	Suspended Solids	CHEM007 by gravimetry	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Process Water (including Purified water), Sewage and Trade Effluent & Recreational Waters	pH Conductivity	CHEM038 by automated pH and Conductivity probes	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Chemical and Physical Tests (cont'd)	Documented In-House Methods	
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Process Water (including Purified water) & Recreational Waters	Alkalinity (Total, hydroxide, carbonate and bicarbonate alkalinity)	CHEM038 by automated titration	A
Trade Effluent	Total Alkalinity	CHEM038 by automated titration	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Sewage and Trade Effluent and Process Waters (including Purified water)	Chemical Oxygen Demand	CHEM039 by colorimetry	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Recreational Water,and Landfill Leachate The symbol * denotes accredited for Process Water (including Purified Water)	**Metals (dissolved and total):** Cadmium* Calcium Chromium* Copper Iron Lead* Manganese* Nickel* Potassium* Zinc	In house method CHEM017 by ICP-OES	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Recreational Water	Magnesium	In house method CHEM017 by ICP-OES	A
Drinking Water (Non-Regulatory), Recreational Water, Process Water (including Purified water) and Landfill Leachate	Phosphorus	In house method CHEM017 by ICP-OES	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Chemical and Physical Tests (cont'd)	Documented In-House Methods	
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Recreational Water, and Landfill Leachate The symbol * denotes accredited for Process Water (including Purified Water)	**Metals (dissolved):** Barium* Beryllium* Cobalt* Molybdenum Selenium* Strontium*	In house method CHEM017 by ICP-OES	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Recreational Water, Process Water (including Purified water) and Landfill Leachate	**Metals (total):** Sodium	In house method CHEM017 by ICP-OES	A
Process Water	Molybdate	In house method CHEM022 by spectrophotometry	A
Process Water	**Metals (dissolved and total):** Aluminium Calcium Copper Iron Magnesium Molybdenum Zinc Total Hardness (by Calculation) Molybdate (by Calculation)	In house method CHEM052 by ICP-OES	A
Process Water (including Purified water), Drinking (non- regulatory) and Raw Water only	Total Inorganic Phosphate	CHEM020 by Colorimetry	A
Drinking (non regulatory) and Raw Water, and Process waters (including Purified water), Recreational Water, Effluents and Sewage Effluent	**Anions:** Bromide Chloride Fluoride Nitrate Nitrite Sulphate	Method CHEM028 by Ion Chromatography	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Chemical and Physical Tests (cont'd)	Documented In-House Methods	
Drinking (Non-Regulatory) Surface water Process Waters (including Purified), Recreational Water, Trade Effluents	Nitrite as NO2 Sulphate Ammonia as N Nitrite as N (calculated)	Method CHEM 059 by Colorimetry (Thermo Fisher Gallery plus Discrete Analyser)	A
Drinking (Non-Regulatory) Process Waters (including Purified), Recreational Water, Trade Effluents	Chloride	Method CHEM 059 by Colorimetry (Thermo Fisher Gallery plus Discrete Analyser)	A
Drinking Waters (non-regulatory) and Purified Waters	**Dissolved Metals, specifically:** Aluminium Antimony Arsenic Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silver* (*purified waters only) Sodium Thallium Tin Titanium Vanadium Zinc Hardness by Calculation	In-House Method CHEM062 by ICP-MS	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Chemical and Physical Tests (cont'd)	Documented In-House Methods	
Drinking Waters (non-regulatory) and Purified Waters	**Total Metals, specifically:** Aluminium Antimony Arsenic Barium Beryllium Calcium Cadmium Cobalt Chromium Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silver Sodium Thallium Tin Titanium Vanadium Zinc	In-House Method CHEM062 by ICP-MS	A
Drinking Water (non-regulatory)	Turbidity 0.1-100NTU	In-house method CHEM043 by Turbidity meter	A
Pure (deionised), Drinking (non-regulatory) and Recreational (swimming pool) Waters	Total Organic Carbon (TOC)	In-house method CHEM063 by Carbon/Nitrogen Analyser	A
Drinking Water (Non-Regulatory), Surface Water, Ground Water, Recreational Water, Process Water (including Purified water) and Effluent	pH, Conductivity and Alkalinity	In-house method CHEM038 by Skalar Bluvision	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS (cont'd)	Microbiological Tests Enumeration:	Documented In-house methods	
Drinking (non regulatory), Recreational and Process Waters	*Clostridium perfringens,* confirmed	MIC006 based on The microbiology of drinking Water 2021; Part 6	A, B
Drinking (non regulatory), Recreational Waters	Coliforms and *Escherichia coli,* confirmed	MIC032 based on ISO 9308-1:2014, Part 1 & A1:2017 using membrane filtration	A, B
Drinking (non regulatory), Recreational, Process and Surface Waters	Coliforms and *Escherichia coli,* confirmed	MIC009 by MPN, based on The Microbiology of Drinking Water 2016; Part 4 using Colilert	A, B
Drinking (non regulatory), Recreational, Process and Surface Waters	Enterococci, confirmed	MIC008 based on The Microbiology of Drinking Water 2012; Part 5	A, B
Surface Water	Intestinal Enterococci confirmed	MIC027 based on BS EN7899-2:2000 & BS6068-4.4:2000	A, B
Drinking (non regulatory), Purified and Process Waters	*Pseudomonas aeruginosa,* confirmed	MIC007 based on The Microbiology of Drinking Water 2015; Part 8	A, B
Drinking (non regulatory) and Recreational Waters	*Pseudomonas aeruginosa,* confirmed	MIC020 by IDEXX Pseudalert MPN	A, B
Drinking (non regulatory), Recreational and Process Waters	*Pseudomonas* spp.	MIC125, in-house developed method using CFC agar incubated at 30°C for 44 hours with confirmation by oxidase	A, B
	Total Viable Count at 22°C, 30°C and 37°C	MIC001 based on The Microbiology of Drinking Water 2020; Part 7	A, B
Drinking (non regulatory) and Recreational Waters	*Pseudomonas aeruginosa* confirmed	MIC015, in-house method using Membrane filtration onto RAPID'Pseudomonas aeruginosa agar and incubated at 37°C for 22-30 hours	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) Isolation, Enumeration and Identification:	Documented In-house methods	
Drinking water (Non-regulatory), Process Water, Recreational Water	*Legionella* species including *Legionella pneumophila* Serogroups 1-14	MIC003d based on BS ISO 11731:2017 matrices A & B, procedures 8, 9 & 10, media C with identification using Oxoid Latex agglutination, with a theoretical LoD of 50 cfu/L	A, B
Drinking (non regulatory), Recreational and Process Waters (including turbid samples and samples with high deposit where concentration by filtration is not possible)	*Legionella* species including *Legionella pneumophila* Serogroups 1-14	MIC003 based on ISO 11731:2017 with concentration by centrifugation, identification using latex agglutination	A, B
Drinking (Non-Regulatory), Purified and Process Waters (including cooling tower waters)	*Legionella* spp including *L. pneumophila* Enumeration:	MIC033 Real-time qPCR using Bio-Rad Aquadien DNA extraction kit, Bio- Rad iQ0Check Screen L. pneumophila/species kit, CFX96 Thermocycler plus software	A
Purified Waters (Endoscope rinse water)	Total Viable Count at 35°C	MIC047 based on Health Technical Memorandum (HTM) 01-01: Management and decontamination of surgical instruments (medical devices) used in acute care. Part D: Washer-disinfectors 2016 using membrane filtration	A, B
Purified Waters (Endoscope rinse water)	Total Viable Count at 30°C	MIC039 based on BS EN ISO 15883-1:2025 Washer-disinfectors Part 1: General requirements, Terms and tests & HTM 01-06, Decontamination of flexible endoscopes, Part E, 2016 using membrane filtration	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	
Purified Waters (Water for Haemodialysis)	Total Viable Count at 22°C	MIC048 based on BS EN ISO 23500-3:2024 – Preparation and quality management of fluids for haemodialysis and related therapies & The Renal Association and The Association of Renal Technologists – January 2016 using membrane filtration	A, B
Purified Waters (Distilled, deionised, Reverse Osmosis and ion exchange)	Detection and enumeration of environmental Mycobacteria species	MIC018a by membrane filtration on to 7H10 agar at 30C for 28 days and confirmation by ZN staining	A
Endoscope Surrogate Devices & Lumened Medical Devices	Inoculation, recovery and enumeration of *Pseudomonas aeruginosa* and *Staphylococcus aureus*	MIC029 Based on BS EN ISO 15883-4: 2018	A
Contact & Settle Plates	Bacterial, Fungal & Total Viable Counts on TSA at 30°C for 5 days	MIC034 based on BS EN 16442:2015	A
Purified Waters	Detection of Bacterial Endotoxin	MIC017b Kinetic turbidimetric assay using Associates of Cape Cod Pyros Kinetix Flex tub reader and ACC reagents	A
Purified Waters	Detection and quantification of *Mycobacterium spp*.	MIC035 by qPCR using Bio-Rad Aquadien DNA extraction kit & Bio-Rad CFX96 Touch Real-Time PCR detection system.	A
Reuseable surgical instruments	Bioburden	MIC031 based on the requirements of BS ISO 11737-1:2018 And 1 :2021 using membrane filtration	A
Reuseable surgical instruments	Sterility	MIC031 based on the requirements of BS EN ISO 11737-2:2020 using direct immersion	A

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