Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

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Accredited to ISO/IEC 17025:2017

Mercian Science Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER	**Microbiological Tests**	**Documented In-house Methods**
	Enumeration:	
Potable (non regulatory) and Process, Healthcare Waters (Augmented Care Units /Settings Outlets), Pools and Hydrotherapy pool water	Coliforms / *E. coli*, presumptive and confirmed	Method B3 using membrane filtration and MLGA (single membrane) based on The Microbiology of Drinking Water Part 4b, 2016
Potable (non regulatory) and Process	Aerobic colony count at 22 °C, 30 °C and 37 °C	Method B1 using pour plate based on The Microbiology of Drinking Water Part 7, 2020
Healthcare Waters (Augmented Care Units /Settings Outlets), Pools, and Hydrotherapy pool water	Aerobic colony count at 22 °C and 37 °C	Method B1 using pour plate based on The Microbiology of Drinking Water Part 7, 2020
Potable (non regulatory) Process, Pool and Hydrotherapy pool water	*Pseudomonas aeruginosa* and *Pseudomonas* spp, presumptive	Method B5 using Membrane filtration with CFC isolation agar and CN agar for confirmation
Endoscopy washer disinfector rinse water	*Pseudomonas aeruginosa*	Method B5 using membrane filtration based on HTM 01-06
Potable (non regulatory), Pool and Hydrotherapy pool water	*Pseudomonas aeruginosa,* confirmed	Method B18 using Pseudalert based on The Microbiology of Drinking Water part 8C 2015
Healthcare Waters (Augmented Care Units /Settings Outlets)	*Pseudomonas aeruginosa,* confirmed	Method B18 based on HTM 04-01 Part B Appendix F using MoDW (2015) part 8C using Pseudalert
Potable (non regulatory), including Process and Pools	Enterococci, presumptive and confirmed	Method B6 using membrane filtration based on The Microbiology of Drinking Water Part 5, 2012

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER (cont'd)	**<u>Microbiological Tests</u> (cont'd)**	**Documented In-house Methods (cont'd)**
	Detection and enumeration:	
Potable, Process, Pools & Healthcare Waters (Augmented Care Units /Settings Outlets)	*Legionella* spp confirmed, and identification of *Legionella pneumophila* serogroups 1, 2-14	Method B4 using membrane filtration and manual elution
END		