

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4236 Accredited to ISO/IEC 17025:2017	20/30 Labs Ltd	
	Issue No: 029 Issue date: 23 February 2024	
	6 Osyth Park Oyth Close Brackmills Industrial Estate Northampton NN4 7DY	Contact: Vandana Patil Tel: +44 (0)1604 660811 Website: www.2030lab.com
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 6 Osyth Park Oyth Close Brackmills Industrial Estate Northampton NN4 7DY	Local contact Vandana Patil	Testing: Microbiological & Molecular
		L

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Controlled clean rooms and endoscope storage cabinets	Testing air quality for physical quality at clients premises	Site



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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
<p>WASTEWATERS</p> <p>Untreated sewage waters</p>	<p><u>Molecular Tests</u></p> <p>Detection of SARS-CoV-2 virus RNA (N1 gene sequence only)</p>	<p>In house method SOP L106</p> <p>Extraction:</p> <p>20/30 Viral Magbead nucleic acid extraction and purification reagents</p> <p>Detection:</p> <p>Promega GoTaq Wastewater PCR assay kit using Techne Prime Pro 48 Thermocycler</p>	L
<p>WATERS</p> <p>Sterilox Rinse Waters, Washer Disinfectant Final Rinse Waters (Mains fed and Reverse Osmosis), Reverse Osmosis Water, Renal Dialysis Waters, Steam Condensates and Potable Waters</p>	<p><u>Microbiological Tests</u></p> <p>Bacterial Endotoxin levels [EU/ml]</p>	<p>Documented In-House methods:</p> <p>1) L013 chromogenic LAL assay using Charles River PTS or nexgen-PTS Kinetic Reader, and Endosafe cartridges, based on HTM 2030 1997 (withdrawn), Section 9.201 to 9.212 and BS EN ISO 15883-1:2009, 6.4.2.3</p> <p>2) L043 kinetic turbidity LAL assay using the Charles River BioTek Reader Test System and Endoscan V software based on HTM 2030:1997 (withdrawn) section 9.201 to 9.212, BS EN ISO 15883-1:2009 6.4.2.3 and HTM 01-06 Part E 2016, WHTM 01-06 and NICFPP</p>	L
<p>Potable, Spa and Pool waters</p>	<p>Enumeration:</p> <p>Coliforms and Escherichia coli</p>	<p>L020 using membrane filtration onto MLGA and confirmation by TNA based on The Microbiology of Drinking Water (Environment Agency), Part 4B 2016</p>	L



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WATERS (con'd)	<u>Microbiological Tests (cont'd)</u>	Documented In-House methods:	
Potable, Spa and Pool waters	Enumeration (cont'd): Enterococci	L036 using membrane filtration based on The Microbiology of Drinking Water (Environment Agency), Part 5, 2012	L
Sterilox Rinse Waters, Washer Disinfectant Final Rinse Waters (Mains fed and Reverse Osmosis), Reverse Osmosis and Potable Water	Environmental Mycobacteria at 30 °C for 28 days	L015 using membrane filtration onto supplemented Middlebrook 7H11 Agar and Ziehl Neelsen Stain confirmation, based on HTM 2030 1997 (withdrawn), Section 9.227, BS EN ISO 15883-4:2018, Annex E3 and HTM 01-06 Part E 2016	L
Heater Cooler Unit Waters	Environmental Mycobacteria at 35 °C for 6-8 weeks	L015 using membrane filtration onto supplemented Middlebrook 7H11 Agar and Ziehl Neelsen Stain confirmation	L
Potable, Reverse Osmosis, Spa and Pool waters	<i>Pseudomonas aeruginosa</i>	L034 using membrane filtration based on The Microbiology of Drinking Water (Environment Agency), Part 8 2015 HTM 04-01 Part B Appendix F 2016 and HTM 01-06 Part E 2016	L
Potable Water, Sterilox Rinse Waters, Washer Disinfectant Final Rinse Waters (Mains fed and Reverse Osmosis), Reverse Osmosis Water	Total Aerobic Colony Count [cfu/100 ml]	L012 using membrane filtration onto TSA Agar at 35 °C, based on HTM 2030 1997 (withdrawn), Section 9.223	L
Sterilox Rinse Waters, Washer Disinfectant Final Rinse Waters (mains fed and reverse osmosis), Reverse Osmosis water	Total Aerobic Colony Count [cfu/100ml]	L040 using membrane filtration on to TSA at 30 °C for 5 days. Based on HTM 01-06 Part E 2016, WHTM 01-06, NICFPP and BS EN ISO 15883-1:2009, 6.4.2.4 and Annex D	L



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WATERS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In -House methods:	
Waters for the Preparation of Dialysis Fluid and Ultra-Pure Dialysis Water	Enumeration (cont'd): Total Aerobic Colony Count [cfu/ml or in the volume examined]	L041 using a) Pour plate, or b) Membrane filtration Using TGEA at 17 - 23 °C for 7 days. Based on BS ISO 23500-3:2019	L
Potable, Spa, Swimming Pool and Hydrotherapy Pool Waters	Total Aerobic Colony Count [cfu/ml]	L016 using YEA pour plate at 22 °C and 37 °C based on The Microbiology of Drinking Water (Environment Agency) Part 7, 2020	L
Process water - cooling towers	Total Aerobic Colony count [cfu/ml]	SOP L016 using YEA pour plate at 30°C meeting the requirements of HSG 274 Part 1 2013	L
Sterilox Rinse Waters, Washer Disinfectant Final Rinse Waters (Mains fed and Reverse Osmosis), Reverse Osmosis Water, Potable, Spa, Swimming Pool and Hydrotherapy Pool Waters	<i>Legionella</i> spp and confirmation of <i>Legionella pneumophila</i> type 1 and serogroup 2-14	L032 Direct plate method using membrane filtration onto GVPC agar at 36 °C, based on BS EN ISO 11731-2:2008 (withdrawn)	L
Process and Waste Waters	<i>Legionella</i> spp and confirmation of <i>Legionella pneumophila</i> type 1 and serogroup 2-14	L046 three plate method using membrane filtration onto GVPC agar at 36 °C, based on BS 6068-4.12:1998 / ISO 17731:1998 Part 4:Section 4.12 (withdrawn)	L



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MEDICAL DEVICES	Inoculation, recovery and enumeration of <i>Pseudomonas aeruginosa</i> or <i>Staphylococcus aureus</i> from lumened devices	Documented In -House methods: L045 using inoculation technique, elution by flushing, membrane filtration onto CFC and BP agar, based on BS EN ISO 15883-4:2018 Section 6.6.2 and Annex B, BS EN ISO 16442:2015 Annex E plus HTM2030:1997 Section 11 (withdrawn) plus HTM 01-06 Part E 2016 - Decontamination of flexible endoscopes: Testing methods sections 20.4 to 20.10	L
(including biological indicators)	Sterility Testing	L052 using TSB enrichment at 22 °C for 14 days. Based on ISO 11737-2:2020 and USP 71	L
	Recovery of <i>Geobacillus stearothermophilus</i>	L052 Annex A using TSB enrichment at 55 °C for 7 days	L
	Bioburden Testing	L053 using sonication in diluent, membrane filtration on to TSA at 32 °C for 7 days. Based on ISO 11737-1:2018+A1:2021	L
DISINFECTANTS, ANTISEPTICS, BIOCIDES, HANDWASHES, HANDRUBS	<u>Microbiological Tests</u> (cont'd)	Documented In-House methods	
	Quantitative suspension test for <ul style="list-style-type: none"> • bactericidal • mycobactericidal • sporicidal • yeasticidal covering domestic/industrial medical and veterinary applications	L067 based on: EN 1276:2019 EN 13623:2020 EN 13624:2021 (yeasticidal activity only) EN 13704:2018 EN13727:2012+A2: 2015 EN 14348:2005 EN 14204:2012 EN 1650:2019 (yeasticidal activity only) EN 1657:2016 (yeasticidal activity only) EN 1656:2019 EN 17126:2018	L



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ENVIRONMENTAL SAMPLES	<u>Microbiological Tests</u> (cont'd)	Documented In-House methods	
Contact plates, settle plates, plates from air samplers, finger imprint plates	Enumeration: Total Aerobic Colony Count Yeasts and Moulds	L057 using TSA at 30 °C for 5 days and SDA at 22°C for 7 days. Based on BS EN ISO 17141:2020, BS EN ISO 16442:2015 Section 6.5 and Annex C	L
Swabs	Total Aerobic Colony Count	L058 using membrane filtration on to TSA at 30 °C for 5 days. Based on BS EN ISO 17141:2020, BS EN ISO 16442:2015 Annex B1 and B2	L
Controlled clean rooms and endoscope storage cabinets	<u>Physical Tests</u> Particle Counting for Classification and Monitoring of air cleanliness	L055 based on BS EN ISO 14644-1:2015 and current GMP Practice	Site
END			