Schedule of Accreditation

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United Kingdom Accreditation Service

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

UKAS REFERENCE MATERIALS **29821** **Accredited to ISO 17034:2016**	**LGC Limited** **Issue No:** 002 **Issue date:** 13 November 2025	
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Reference material production at the above address		

DETAIL OF ACCREDITATION

Matrix / Artefact	Property Value(s) / Identity / Characterisation Range	Characterisation Procedure / Technique	Type* (CRM / RM)
Reference Materials with Microbiological Properties	Aerobic spore count	Pre-treatment 80°C for 10 minutes. Plate count agar (PCA) - pour plate - incubated at 30°C for 72 ± 3 hours	RM
	B.cereus / Bacillus spp	MYP agar- spread plate- incubated at 30°C for 18-24 hours plus 24 hours if required	RM
	C. perfringens / Clostridium spp.	TSC agar - pour plate - incubated at 37°C for 18-22 hours	RM
	C. perfringens	Egg yolk free TSC Agar – Membrane filtration - incubated at 44 ± 0.5°C for 21 ± 3 hours	RM
	Coliforms	Neogen Harlequin® MLGA- Membrane filtration- incubate at 30 ± 1ºC for 4 hours ± 15mins then transfer to 37 ± 1ºC for minimum 14 hours. Alternatively plates can be incubated at 37 ± 1°C for 18-24 hours	RM
	Cronobacter spp.	Chromogenic Cronobacter Isolation agar (CCI) – spread plate – incubated at 41.5 ± 1°C for 24 ± 2 hours	RM
	E. coli	MLGA- membrane filtration- incubated at 30 ± 1ºC for 4 hours ± 15mins then transfer to 37 ± 1ºC for minimum 14 hours. Alternatively plates can be incubated at 37 ± 1°C for 18-24 hours	RM
	E. coli	TBX agar - pour plate - incubated at 37°C for 4 hours and then further incubated at 44°C for 18-24 hours	RM
	Enterobacteriacaeae	VRBG agar - pour plate - incubated at 37°C for 24 ± 2 hours	RM

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Reference Materials with Microbiological Properties (cont'd)	Coliforms	VRB agar - pour plate - incubated at 37°C for 24 ± 2 hours	RM
	E. coli O157:H7 (non-toxigenic)	Cefixime tellurite sorbitol MacConkey agar (CT-SMAC) – spread plate – incubated at 37°C for 18-24 hours	RM
	Enterococci	Slanetz & Bartley Agar (SB) – membrane filtration - incubated at 37 ± 1°C for 48 hours	RM
	Enterococcus spp.	KF Streptococcus agar – spread plate – incubated at 37°C for 18-24 hours	RM
	L. monocytogenes / Listeria spp.	ALOA – spread plate – incubated at 37 ± 1°C for 24 ± 2 hours	RM
	Lactic acid bacteria	MRS agar - spread plate - incubated at 30°C under microaerophilic conditions for 72 ± 3 hours	RM
	Legionella pneumophila direct Legionella pneumophila	Buffered charcoal yeast extract agar (BCYE) – Spread plate - incubated at 36 ± 2°C for 2 to 10 days examining plates at 2, 3, 4, or 5 days to check for overgrowth Buffered charcoal yeast extract agar (BCYE) – Membrane filtration - incubated at 36 ± 2°C for 2 to 10 days examining plates at 2, 3, 4, or 5 days to check for overgrowth	RM
	Legionella species	Buffered charcoal yeast extract agar (BCYE) – Spread plate - incubated at 36 ± 2°C for 2 to 10 days examining plates at 2, 3, 4, or 5 days to check for overgrowth Buffered charcoal yeast extract agar (BCYE) – Membrane filtration - incubated at 36 ± 2°C for 2 to 10 days examining plates at 2, 3, 4, or 5 days to check for overgrowth	RM
	Mould	DRBC agar - spread-plate - incubated at 25 ± 1°C for 3 to 5 days	RM

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Reference Materials with Microbiological Properties (cont'd)	P. aeruginosa	Pseudomonas CN agar – membrane filtration – incubated at 37 ± 1°C for 48 hours	RM
	P. aeruginosa / Pseudomonas spp.	Pseudomonas CFC agar – spread plate - incubated at 25 ± 1°C for 44 ± 4 hours	RM
	S.aureus / Staphylococci spp.	Baird Parker agar (BPA) – Membrane filtration - incubated at 37°C for 48 ± 4 hours	RM
	S.aureus / Staphylococcus spp.	Baird Parker agar (BPA) – spread plate - incubated at 37°C for 48 ± 4 hours	RM
	Salmonella species	CASE agar – Spread plate – incubated at 37 ± 1°C for 24 ± 2 hours	RM
	Thermophilic acidophilic bacteria	Bacillus acidoterrestris agar (BAT) – Membrane filtration - incubated at 45°C ± 1°C for 5 days	RM
	Thermophilic acidophilic bacteria	Bacillus acidoterrestris agar (BAT) – spread plate - incubated at 45°C ± 1 for 5 days. Check at 2-3 days for growth.	RM
	Total Viable Count	Plate count agar (PCA) - pour plate - incubated at 30°C for 72 ± 3 hours	RM
	Total viable count at 22°C and 37°C	Yeast extract agar (YEA) – Pour plate - incubated at 22 ± 1°C for 68 ± 4 hours Yeast extract agar (YEA) – Pour plate - incubated at 37 ± 1°C for 44 ± 4 hours	RM
	Yeast	DRBC agar - spread-plate - incubated at 25 ± 1°C for 3 to 5 days	RM
END			

***Type**
CRM = Certified Reference Material(s)
RM = Reference Material(s)
Refer to ISO 17034 for full definitions