



Accreditation Scope

Inter Science Laboratory, NAL 138 Testing Laboratory, (ISO/IEC 17025:2017)

Nadd Al Hamar, Dubai, UAE

Issue Date: 25-04-2022

Expiry Date: 11-05-2023

Issue No: 02

Testing Field	Materials/ Products tested	Type of test/ Test parameter/ Properties measured/Range of measurement	Test Method (Standard, Internal Procedure, Technique)	Permanent lab (P) / Client-site (S)
Microbiology	Potable water, Domestic water, Pool water	Heterotrophic Plate Count	APHA 9215B, 23rd edition	P
		Enumeration of total coliforms	APHA 9222 B, APHA 9221 B, 23rd edition	
		Enumeration of fecal coliforms	APHA 9222 G, APHA 9221 E, 23rd edition	
		Enumeration of E. coli	APHA 9222H, APHA 9221 F, 23rd edition	
		Enumeration Fecal streptococci	APHA 9230 C, 23rd edition	
		Enumeration Yeast & Mould	APHA 9610 D, 23rd edition	
		Enumeration Pseudomonas aeruginosa	ISO 16266:2006 (2015)	
		Detection & enumeration of Legionella	ISO 11731-2017	
Microbiology	Potable water, Waste water	Detection of Salmonella	APHA 9260B, 23rd edition	P
Microbiology	Food	Aerobic colony count	BAM ch.3 (SOP No: 09 Issue Date:02-02-19)	P
		Enumeration total coliform	CCFRA 2.2.1: 2007	
		Enumeration of Enterobacteriaceae	CCFRA 2.3.1: 2007	
		Enumeration E.coli	CMMEF 9.71, 9.81, 9.91; 5th edition (SOP No:11; Issue Date: 15-10-18)	
		Coagulase positive Staphylococcus aureus	CCFRA 3.5.1:2007	
		Enumeration of Bacillus cereus	CMMEF chapter 32.2; 5 th edition; SOP No:14 Issue Date:02-02-19	



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Microbiology	Food	Detection and confirmation of Salmonella	CCFRA 3.1.2: 2007 CCFRA 3.1.5: 2007	P
Microbiology	Food	Enumeration of Clostridium perfringens	CCFRA 3.6.1: 2007	P
		Detection of Listeria species	Listeria rapid test; SOP No:17 Issue Date:17-04-19	
		Detection of Listeria Monocytogens	BAM Chapter 23; SOP No:61 Issue Date:03-04-19	
Microbiology	Food	Detection of Vibrio parahaemolyticus	CCFRA 3.8.2:2007	P
Microbiology	Swabs	Aerobic colony count	BAM ch.3 (SOP No: 09 Issue Date:02-02-19)	P
		Enumeration total coliform	CCFRA 2.2.1: 2007	
		Enumeration of Enterobacteriaceae	CCFRA 2.3.1: 2007	
		Enumeration E.coli	CMMEF 9.71, 9.81, 9.91; 5th edition (SOP No:11 Issue Date:15-10-18)	
		Coagulase positive Staphylococcus aureus	CCFRA 3.5.1:2007	
		Enumeration of Bacillus cereus	CMMEF chapter 32.2; 5 th edition; SOP No:14 Issue Date:02-02-19	
Microbiology	Swabs	Detection and confirmation of Salmonella	CCFRA 3.1.2: 2007 CCFRA 3.2.5: 2007	P
Microbiology	Swabs	Enumeration of Yeast and Moulds	CCFRA 2.1.1: 2007	
Microbiology	Swabs	Detection of Listeria species	Listeria rapid test; SOP No:17	P



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	Potable and Swimming pool water	Sampling of Potable and Swimming pool water for Microbiological testing	Issue Date:17-04-19 APHA 9060 A SOP No:11 Issue Date:22-10-18	S
		Sampling of water for Legionella testing	BS 7592: 2008 SOP No:60 Issue Date:31-10-18	
	Food (Ready to eat food)	Sampling of food for Microbiological testing	CMMEF ch 2; 5 th edition; SOP No:19 Issue Date:22-10-18	
	Swabs	Swab sampling of surfaces for Microbiological testing	CMMEF ch 3 SOP No:32 Issue Date:02-02-19	
Chemical	Potable/ Waste Water	pH @25°C	APHA 4500H +B 23rd Edition 2017 – SOP No:01	P
		Electrical Conductivity@25°C	APHA 2510B 23rd Edition 2017 – SOP No:02	
		Biological Oxygen Demand-5 Days	APHA 5210B 23rd Edition 2017 – SOP No:03	
		Chemical Oxygen Demand	APHA 5220B 23rd Edition 2017 – SOP No:04	
		Total Alkalinity	APHA 2320B 23rd Edition 2017 – SOP No:05	
Chemical	Potable/ Waste Water	Fluoride	APHA 4500F-D 23rd Edition 2017 – SOP No:06	P
		Chloride	APHA 4500Cl- B 23rd Edition 2017 - SOP No:07	
		Total Hardness as CaCO ₃	APHA 2340C 23rd Edition 2017 - SOP No:11	
		Calcium Hardness	APHA 3500 Ca B 23rd Edition 2017 - SOP No:12	
		Total Dissolved Solids	APHA 2540C 23rd Edition 2017 - SOP No:09	



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		Total Suspended Solids	APHA 2540D 23rd Edition 2017 - SOP No:10	
		Total Solids dried at 103°C	APHA 2540B 23rd Edition 2017 - SOP No:17	
		Oil & Grease	APHA 5520B 23rd Edition 2017 - SOP No:13	
		Nitrate Content	APHA 4500NO3- B 23rd Edition 2017 - SOP No:16	
		Sulfide	APHA 4500 S-F 23rd Edition 2017 - SOP No:08	
		Sulfate	APHA 4500 23rd Edition 2017 - SOP No:44	
		Mg Hardness and Mg by calculation	APHA 3500 23rd Edition 2017 - SOP No:43	
	Sampling Procedures	APHA 1060B 23rd Edition 2017, Dubai Municipality Standard 11:2001 , 2:2001 – SOP No:41	S	
Chemical	Solid/ Semi-Solid/ Sludge	Total, Fixed & Volatile Solids (Solid/Semi-Solid Samples)	APHA 2540G 23rd Edition 2017 - SOP No:14	P
		Oil & Grease (Sludge Samples)	APHA 5520E S23rd Edition 2017-OP No:42	
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