



Accreditation Scope

MIDDLE EAST TESTING SERVICES- ABU DHABI, NAL-198 Testing Laboratory, (ISO/IEC 17025:2017)

Warehouse 19, Plot No. 90, Musaffah-MW-4, Abu Dhabi, United Arab Emirates

Issue Date: 18/04/2023

Expiry Date: 17/04/2026

Issue No: 01

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)
Chemical	Water/Waste water	pH	APHA 4500 H ⁺ B 24 th Edition, 2022	P
		Total Suspended Solids (TSS)	APHA 2540 D 24 th Edition, 2022	P
		Total Dissolved Solids (TDS)	APHA 2540 C 24 th Edition, 2022	P
		Sulfide	APHA 4500 S ²⁻ F 24 th Edition, 2022	P
		Chemical Oxygen Demand (COD)	APHA 5220 B 24 th Edition, 2022	P
		Bio-Chemical Oxygen Demand (BOD)	APHA 5210 B 24 th Edition, 2022	P
		Oil & Grease (Emulsified)	APHA 5520 B 24 th Edition, 2022	P
		Sulfate	APHA 4500 SO ₄ ²⁻ C 24 th Edition, 2022	P
		Free Oil- Volumetric	In house protocol – METS IP-03	P
		Ammonia Nitrogen	APHA 4500 NH ₃ -N C 24 th Edition, 2022	P
		Electrical Conductivity	APHA 2510 B 24 th Edition, 2022	P
		Chloride	APHA 4500 Cl ⁻ B 24 th Edition, 2022	P
		Calcium	APHA 3500 Ca B 24 th Edition, 2022	P



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Chemical	Water/Waste water	Magnesium	APHA 3500 Mg B 24 th Edition, 2022	P
		Total Hardness	APHA 2340 C 24 th Edition, 2022	P
		Total Alkalinity	APHA 2320 B 24 th Edition, 2022	P
		Water sampling	APHA 1060A & B 24 th Edition, 2022	S
	Sludge	pH	USEPA 9045D Rev.04 November 2004	P
		Total Solids	APHA 2540 G 24 th Edition, 2022	P
		Moisture Content	APHA 2540 G 24 th Edition, 2022	P
		Volatile Solids	APHA 2540 G 24 th Edition, 2022	P
		Fixed Solids	APHA 2540 G 24 th Edition, 2022	P
		Oil & Grease	APHA 5520 E 24 th Edition, 2022	P
	Food and Food Products	Moisture	AOAC 930.15/AOAC 925.40/AOAC 945.38/AOAC 950.46 B/AOAC 927.05	P
		Ash Content	AOAC 945.46/AOAC 942.05/AOAC 920.153/AOAC 923.03/AOAC 940.26	P



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		Fat Content	AOAC 989.05/AOAC 920.39/ AOAC 991.36/AOAC 925.12/ AOAC 922.06	P
Chemical	Food and Food Products	Protein Content	AOAC 981.10/AOAC 991.20/AOAC 2001.11/AOAC 950.36/AOAC 979.09	P
Microbiological	Food/Swab	Horizontal Method for Enumeration of Microorganisms-Part 1- Colony Count at 30°C by the pour plate technique	ISO 4833-1:2013+A1:2022	P
		Horizontal Method for the Enumeration of β -Glucuronidase-Positive <i>Escherichia coli</i>	ISO 16649-2:2001	P
		Horizontal Method for the enumeration of Coliform-Colony count Technique	ISO 4832:2006	P
		Detection of Potentially enteropathogenic <i>Vibrio cholerae</i>	ISO 21872-1:2017+A1:2023	P
		Horizontal Method for the Enumeration of Coagulase Positive Staphylococci (<i>Staphylococcus aureus</i> and other species)-Part	ISO 6888-1:2021	P



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		1-Method Using Baird-Parker Agar Medium		
		Horizontal Method for the Detection & Enumeration of <i>Listeria monocytogenes</i> & of <i>Listeria Spp.</i>	ISO 11290-2:2017	P
	Food/Swab	Horizontal method for the Detection and Enumeration of Enterobacteriaceae — Part 2: Colony count technique	ISO 21528-2:2017	P
		Horizontal Method for the Detection of <i>Salmonella spp.</i>	ISO 6579-1:2017+A1:2020	P
Microbiological	Food	Horizontal Method for Enumeration of Microorganisms-Part 2- Colony Count at 30°C by the Surface plate technique	ISO 4833-2:2013+A1:2022	P
		Enumeration of Yeasts and Molds.	USFDA BAM Chapter-18	P
		Detection of Potentially enteropathogenic <i>Vibrio parahemolyticus</i>	ISO 21872-1:2017/Amd 1:2023	P



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		Horizontal Method for Enumeration of Presumptive Bacillus cereus-Colony-count Technique at 30°C	ISO 7932:2004+A1:2020	P
Microbiological	Food	Horizontal Method for Enumeration of Clostridium perfringens-Colony Count Technique	ISO 7937:2004	P
		Horizontal Method for the Enumeration of Mesophilic Lactic Acid Bacteria-Colony Count Technique at 30°C	ISO 15214:1998	P
		Enumeration of Presumptive Pseudomonas spp.	ISO 13720:2010	P
		Food/Swab/Air Sampling	METS IP-73	S
	Water	Total bacterial count	APHA 9215 B, APHA 24 th Edition, 2022	P
		Enumeration of total Coliforms by membrane filtration technique.	APHA 9222 B, APHA 24 th Edition, 2022	P
		Enumeration of Fecal Coliforms by membrane filtration technique.	APHA 9222B & 9221 E, 24 th Edition, 2022	P



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		Water Quality- Enumeration of <i>Legionella</i>	ISO 11731:2017	P
		Enumeration of <i>Pseudomonas aeruginosa</i> by membrane filtration technique.	APHA 9213 E, APHA 24 th Edition, 2022	P
Microbiological	Water	Detection and enumeration of intestinal enterococci /Fecal Streptococci-Part 2: Membrane Filtration Method.	ISO 7899-2:2000	P
		Enumeration of <i>Escherichia coli</i> by Membrane filtration Technique.	APHA 9222B & 9222 H, 24 th Edition 2022	P
		Standard Operating Procedure for Total Anaerobic Bacterial Count from water samples	METS IP-57	P
		Sampling: Legionella	BS 7592:2022	S
		Water Sampling	METS IP-55	S
		Enumeration of Aerobic Plate Count	USFDA BAM Chapter-23	P



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Microbiological	Cosmetics	Enumeration of Yeasts and Molds	USFDA BAM Chapter-23	P
		Enumeration of <i>Staphylococcus aureus</i>	USFDA BAM Chapter-23	P
		Enumeration of <i>Pseudomonas aeruginosa</i>	USFDA BAM Chapter-23	P
		Detection of <i>Escherichia coli</i>	ISO 21150:2015+A1:2022	P
Microbiological	Cosmetics	Detection of <i>Candida albicans</i>	ISO 18416:2015+A1:2022	P
	Cosmetics & Tissue paper	Enumeration of Yeasts & Molds	ISO 16212:2017+A1:2022	P
END				