



TEST REPORT

Report No.: METS-R 2163/2021

Client / Establishment	: M/s. Julie Dubai United Arab Emirates
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Consultant/Contractor	NA		
Sample Type	Drinking Water	Laboratory Sample ID	METS-S21-2163
Sample Source	Kitchen Area [REDACTED]		Dubai
Sampling Point	Machine Drinking Water (Pure)	Laboratory Request No	METS-RQ21-2163
Sampling Procedure*	METS-IP-55	Client's Reference	NG
Sample Collected On/ Time	05/05/2021; 12:00 PM	Date Reported	10/05/2021
Sample Received On	05/05/2021	On Site Treatment	: NA
Sample Container	Sterile Plastic Bottle	On Site Observation	
Sample Preservation	Refrigerated Vehicle	1. Appearance	: Clear
Sample Collected by	MJ (METS Rep.)	2. Temperature	: 21.6°C

Results of Chemical Analysis: Date of Analysis: 05/05/2021-10/05/2021

Parameter	Test Method	Unit	Result	Specification Limit**
pH @ 25°C*	APHA 4500 H ⁺ B	-	7.01	6.5-8.5
Electrical Conductivity @ 25°C*	APHA 2510 B	µS/cm	250	-
Total Suspended Solids (TSS)*	APHA 2540 D	mg/L	<5	Nil
Total Dissolved Solids (TDS)*	APHA 2540 C	mg/L	145	100-1000
Chloride*	APHA 4500 Cl ⁻ B	mg/L	48.21	-
Sulphate*	APHA 4500 SO ₄ ²⁻ C	mg/L	<10	-
Total Alkalinity *	APHA 2320 B	mg/L	44	-
Nitrate	HACH 8039	mg/L	<0.3	50
Phosphate	HACH 8048	mg/L	<0.02	-
Free Chlorine*	HACH 8021	mg/L	<0.02	-
Fluoride	HACH 8029	mg/L	<0.02	1.5
Calcium (Ca)*	APHA 3120 B	mg/L	12	-
Magnesium (Mg)*	APHA 3120 B	mg/L	2.20	-
Bicarbonate	APHA 2320 B	mg/L	44	-
Total Hardness as CaCO ₃ *	APHA 2340 C	mg/L	50	-
Potassium (K)*	APHA 3120 B	mg/L	1.30	-
Sodium (Na)*	APHA 3120 B	mg/L	35.95	-
Manganese (Mn)*	APHA 3120 B	mg/L	<0.01	0.4
Chromium (Cr)*	APHA 3120 B	mg/L	<0.01	0.05
Copper (Cu)*	APHA 3120 B	mg/L	<0.01	2
Zinc (Zn)*	APHA 3120 B	mg/L	<0.01	-
Lead (Pb)*	APHA 3120 B	mg/L	<0.01	0.01
Iron (Fe)*	APHA 3120 B	mg/L	<0.01	-





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Date of Analysis: 05/05/2021-08/05/2021

Results of Microbiological Analysis:

Parameter*	Method	Unit	Result	Specification Limit **
Total bacterial count	APHA 9215B	CFU/ml	100	500#
Total coliforms	APHA 9222B	CFU/100ml	<1	0
Escherichia coli	APHA 9222H	CFU/100ml	<1	0
Pseudomonas aeruginosa	APHA 9213E	CFU/100ml	<1	0
Fecal coliforms	APHA 9222B	CFU/100ml	<1	0

Test method deviation: None; Test conducted by: AL/MH; Report prepared by: AA/NT

Key Words: CFU-Colony Forming Units, APHA - Standard method for the Examination of Water and Waste Water²³^d Edition; 2017, NG-Not Given, NA-Not Applicable.

Note: *Parameter is accredited by EIAC in accordance with ISO/IEC 17025:2017

**GSO149/2014 (E) Un-Bottled drinking water

#Dubai Municipality Public Health & Safety Department, Guidelines for The control of Legionella in water systems –Rev, 2:6/2010

<1 is considered as absent according to the method used.

<5 (Total Suspended Solid value) is considered as Nil as per method detection limit.

Remarks: Based on the above test results, the tested specimen complies with the given specification limit.

Prepared by

Microbiologist
Biological Science Division
Employee Code: METS AJ EC 153



Verified by

Senior Chemist
Chemical Science Division (CSD)
Employee Code: METS AJ EC 149

The above test results are only applicable to the sample (s) referred above. This report shall not be reproduced except in full, without the written approval of METS laboratory.

For further clarification of reports, please contact qc@metslab.com

-End of Report-