

LABORATORY TEST REPORT ON DRINKING WATER

Client Name : JAMES L WILLIAM MIDDLE EAST	Date : 28/08/2019
Nature of Business : Consultant	Report No : RP/SA-02522/01
Client Address : P O Box 390549, Bldg 8, Office 429, Media City, Dubai, United Arab Emirates	Sample No : SP/SA-02522/01
	Sampling Report No : SRN/SA-02522/01

Sample Detail	On-Site Details
Sample Type : Liquid (Drinking Water)	pH / Temperature : 15.4°C
Source of Sample : Drinking Water	Appearance : Clear Colorless Liquid
Sampling Point : Tap Outlet, Presto Water Dispenser	Preservation : Yes
Sampling Location : Near Stock Room and Tissue Dispenser Pantry, IBN Battuta Gate Bldg, 11th Floor, Jebel Ali Dubai	

Apparatus : Bottle	Method : APHA 1060 B & 9060/ Grab
Quantity / Size : Plastic Bottle (1*1Ltr), Sterile Bottle (1*500ml)	Collected by : RC (Core Lab Rep.)
Sampling Date / Time : 21/08/2019 / 12:20 Hrs	Delivered by : RC (Core Lab Rep.)
Sample Transport Condition : Below 10°C (Micro)	Received by : DC/MK (Core Lab Rep.)
Receiving Date : 21/08/2019 Time : 14:20 Hrs	Sample Condition : Ok
Sample Temperature on Receipt : 7.3°C	

Results of Chemical and Microbiological Analysis		Tested by : AI/ GT/ DC/ MK		Date of Analysis : 21/08/2019 - 27/08/2019	
Parameters	RESULT	Specification	Unit	MDL	Test Method
pH @ 20 °C *	7.7	6.5 - 8.0	-	0.1	APHA AWWA 4500 H+ B
Total Dissolved Solids @ 180 °C *	229	100 - 1000	mg/L	9	APHA AWWA 2540 C
Chloride as Cl- *	85	-	mg/L	1	APHA AWWA 4500 Cl B
Total Sulfates as SO4 *	< 8	-	mg/L	8	APHA AWWA 4500 SO4 C
Total Alkalinity at pH 4.5 as CaCO3 *	46	-	mg/L	2	APHA AWWA 2320 B
Total Hardness as CaCO3 *	58	-	mg/L	2	APHA AWWA 2340 C
Calcium as Ca	16.80	-	mg/L	0.10	APHA AWWA 3030 E / 3120 B
Magnesium as Mg	4.47	-	mg/L	0.10	APHA AWWA 3030 E / 3120 B
Sodium as Na *	64.00	-	mg/L	0.10	APHA AWWA 3030 E / 3120 B
Potassium as K *	2.15	-	mg/L	0.10	APHA AWWA 3030 E / 3120 B
Arsenic as As *	< 0.01	0.01	mg/L	0.01	APHA AWWA 3030 E / 3120 B
Cadmium as Cd *	< 0.002	0.003	mg/L	0.002	APHA AWWA 3030 E / 3120 B
Chromium as Cr *	< 0.006	0.05	mg/L	0.006	APHA AWWA 3030 E / 3120 B
Copper as Cu *	0.007	2.0	mg/L	0.006	APHA AWWA 3030 E / 3120 B
Iron as Fe *	< 0.011	-	mg/L	0.011	APHA AWWA 3030 E / 3120 B
Lead as Pb *	< 0.01	0.01	mg/L	0.01	APHA AWWA 3030 E / 3120 B
Manganese as Mn *	< 0.002	0.4	mg/L	0.002	APHA AWWA 3030 E / 3120 B
Nickel as Ni *	< 0.005	0.07	mg/L	0.005	APHA AWWA 3030 E / 3120 B
Zinc as Zn *	< 0.006	-	mg/L	0.006	APHA AWWA 3030 E / 3120 B
Free Chlorine *	< 0.02	-	mg/L	0.02	USEPA DPD Method
Total Bacterial Count *	290	500	CFU/ml	1	APHA AWWA 9215 B
Total Coliform *	Not Detected	0	CFU/100ml	1	APHA AWWA 9222 B
Fecal Coliform *	Not Detected	0	CFU/100ml	1	APHA AWWA 9222 D
Escherichia coli *	Not Detected	0	CFU/100ml	1	APHA AWWA 9222 B & H

Test Variation: None
Remarks: 1) * This Test is Accredited by Emirates International Accreditation Centre (EIAC).
2) The above tested parameters meet the requirement of the specified limits.
3) ND - Not Detected (<1), CFU - Colony Forming Unit
Specification: GSO 149/2014, Gulf Standard Organisation for Unbottled Drinking Water;
Guidelines for the Control of Legionella in Water System, Public Health and Safety Department, Public Safety Section, Dubai Municipality.
Reference: APHA AWWA WEF 23rd Ed. 2017 Standard Method for the Examination of Water and Waste Water.

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Results relates only to the items tested.

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Laboratory Manager

For CORE Laboratory