

TEST REPORT

REPORT NO: - QMTL/R-81982

CLIENT: CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-81982
Reference: ADGM Location: TOWER 01	Sampled By: Client Representative	Date Received: 28.11.2019
Sample Description: Tower 01-Level 09-Pantry- Water Dispenser	Source: Dispenser	Date(s) Tested: 28.11-01.12.2019
	Sample Container: 1x1.5 L PB	Date Reported: 01.12.2019
Sample Onsite Temp: 21°C Sample Receipt Temp: 23.4°C	Sample Appearance: Clear	Date of Sampling/Time: NA
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	GUIDELINES	RESULTS
CHEMICAL ANALYSIS				
pH @25.2°C	APHA 4500-H ⁺ B	-	7.0-9.2	8.32
Conductivity@24.1°C	APHA 2510 B	µs/cm	-	232
Odour	APHA 2150 A	-	Unobjectionable	Unobjectionable
Colour	APHA 2120 B	Colour Unit	Max 15	<5
Turbidity	APHA 2130 B	NTU	Max 4.0	0.25
Total Dissolved Solids@ 180°C	APHA 2540-C	mg/L	Min 100-Max 1000	149
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	Max 300	66.3
Total Alkalinity to p ^H 4.4	APHA 2320 B	mg/L	-	45.10
Residual Free Chlorine	APHA 4500 CI	mg/L	0.2-0.5	0.23
Fluoride(F)*	APHA 4500-F ·D	mg/L	Max 1.5	<0.05
Nitrite as NO ₂ *	HACH 8507	mg/L	Max 3.0	<0.01
Nitrate as NO ₃ *	HACH 8039	mg/L	Max 50	0.20
Calcium Hardness	APHA 2340 C	mg/L	Max 200	58.5
LSI*	Calculation	-	0.0-0.5	+0.02
Chloride (Cl)	APHA 4500-Cl ·B	mg/L	Max 250	41.40
Sulphate (SO ₄)*	APHA 4500-SO ₄ ⁻² C	mg/L	Max 250	<10
Potassium *	APHA 3120 B	mg/L	Max 12	1.03
Sodium	APHA 3120 B	mg/L	Max 150	22.7
Copper	APHA 3120 B	mg/L	Max 1.0	<0.05
Aluminium*	APHA 3120 B	mg/L	Max 0.2	<0.05
Zinc	APHA 3120 B	mg/L	Max 5.0	<0.05
Iron	APHA 3120 B	mg/L	Max 0.2	<0.05

*Tests are not accredited by GAC & ENAS

REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: pH: Potential Hydrogen. APHA: American Public Health Association. RSB: Regulation & Supervision Bureau. NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation: None

The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER

The test Report shall not be reproduced (except in full) without the written approval of QMTL. When analysis is witnessed by us or carried out by sub contract labs, our responsibility is only to ensure that the analysis is conducted to standard test methods in accordance with industry accepted practice.

END OF REPORT

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QMTL-FRM-58 Revision : 02; Revision Date: 03.01.2016

TEST REPORT

REPORT NO: - QMTL/R-81981

CLIENT: CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-81981
Reference: ADGM Location: TOWER 01	Sampled By: Client Representative	Date Received: 28.11.2019
Sample Description: Tower 01-Level 09-Pantry-Tap-Cold Water Sample Onsite Temp: 23°C Sample Receipt Temp: 23.4°C	Source: Tap	Date(s) Tested: 28.11-01.12.2019
	Sample Container: 1x1.5 L PB	Date Reported: 01.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: NA
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	GUIDELINES	RESULTS
CHEMICAL ANALYSIS				
pH @24.1°C	APHA 4500-H ⁺ B	-	7.0-9.2	8.30
Conductivity@23.1°C	APHA 2510 B	µs/cm	-	231
Odour	APHA 2150 A	-	Unobjectionable	Unobjectionable
Colour	APHA 2120 B	Colour Unit	Max 15	<5
Turbidity	APHA 2130 B	NTU	Max 4.0	0.20
Total Dissolved Solids@ 180°C	APHA 2540-C	mg/L	Min 100-Max 1000	150
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	Max 300	64.3
Total Alkalinity to p ^H 4.4	APHA 2320 B	mg/L	-	44.6
Residual Free Chlorine	APHA 4500 CI	mg/L	0.2-0.5	0.22
Fluoride(F)*	APHA 4500-F ·D	mg/L	Max 1.5	<0.05
Nitrite as NO ₂ *	HACH 8507	mg/L	Max 3.0	<0.01
Nitrate as NO ₃ *	HACH 8039	mg/L	Max 50	0.20
Calcium Hardness	APHA 2340 C	mg/L	Max 200	56.5
LSI*	Calculation	-	0.0-0.5	0
Chloride (Cl)	APHA 4500-Cl ·B	mg/L	Max 250	36.2
Sulphate (SO ₄)*	APHA 4500-SO ₄ ⁻² C	mg/L	Max 250	<10
Potassium *	APHA 3120 B	mg/L	Max 12	1.13
Sodium	APHA 3120 B	mg/L	Max 150	21.8
Copper	APHA 3120 B	mg/L	Max 1.0	<0.05
Aluminium*	APHA 3120 B	mg/L	Max 0.2	<0.05
Zinc	APHA 3120 B	mg/L	Max 5.0	<0.05
Iron	APHA 3120 B	mg/L	Max 0.2	<0.05

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REMARKS: The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

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Test Method description: None

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