

TEST REPORT

REPORT NO: - QMTL/R-86106

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: APHA 1060 B	Sample ID: QMTL/S- 86106
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description: P2- Water Tank No. 05, Copper Silver Ionisation Sample Onsite Temp: 26.2°C Sample Receipt Temp: 4°C	Source: Tank	Date(s) Tested: 26-29.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 29.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10:23AM
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	7.66
Conductivity @23.7°C	APHA 2510	µs/cm	-	175.2
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	114
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	31.1
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	64.4
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	68.25
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<0.05
Copper (Cu)	APHA 3120 B	mg/L	Max 1.0	<0.05
Silver (Ag)	APHA 3120 B	mg/L	Max 5.0	<0.05

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-86107

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: APHA 1060 B	Sample ID: QMTL/S- 86107
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description: P2- Water Tank No. 06, Copper Silver Ionisation Sample Onsite Temp: 19°C Sample Receipt Temp: 4°C	Source: Tank	Date(s) Tested: 26-29.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 29.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10:30AM
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	7.82
Conductivity @23.9°C	APHA 2510	µs/cm	-	176.4
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	115
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	30.5
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	62.4
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	66.3
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<0.05
Copper (Cu)	APHA 3120 B	mg/L	Max 1.0	<0.05
Silver (Ag)	APHA 3120 B	mg/L	Max 5.0	<0.05

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

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TEST REPORT

REPORT NO:-QMTL/R-86101

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: APHA 9060 A	Sample ID: QMTL/S-86101
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description : P1 Hydrotherapy Pool Sample Onsite Temp: 32.8°C Sample Receipt Temp: 4°C	Source: Pool	Date(s) Tested: 26-28.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 30.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10.00 AM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETER	TEST METHOD	UNIT	SPECIFICATION	RESULT
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	Dip Slide	CFU/ml	1000	<1

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Pool Water with respect to the above test only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

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

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REPORT NO:-QMTL/R-86102

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: APHA 9060 A	Sample ID: QMTL/S-86102
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description : L4, Cooling Tower- 1 Sample Onsite Temp: 21°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 26-28.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 30.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10.07 AM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	13
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, DM:Dubai Municipality, NA: Not Applicable

Report prepared by Emp#: 75

Test Method deviation : None

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

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REPORT NO:-QMTL/R-86103

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: APHA 9060 A	Sample ID: QMTL/S-86103
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description : L4, Cooling Tower- 2 Sample Onsite Temp: 21.3°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 26-28.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 30.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10.15 AM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	93
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, DM:Dubai Municipality, NA: Not Applicable

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REPORT NO:-QMTL/R-86104

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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-86104
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description : L4, Cooling Tower- 3 Sample Onsite Temp: 20.8°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 26-28.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 30.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10.22 AM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	<1
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, DM:Dubai Municipality, NA: Not Applicable

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REPORT NO:-QMTL/R-86105

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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-86105
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 26.12.2019
Sample Description : L4, Cooling Tower- 4 Sample Onsite Temp: 21°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 26-28.12.2019
	Sample Container: 1 X 500ml PB	Date Reported: 30.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 26.12.2019/10.30 AM
On-Site Treatment: NA	Tested by Emp#: 55 & 74	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	<1
Total Coliforms	APHA 9222 B	CFU/100ml	-	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	-	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	-	Zero

REMARKS: The sample meets DM Water Systems quality (2010) specifications for Cooling Water Systems with respect to the above tests only.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, DM:Dubai Municipality, NA: Not Applicable

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