

TEST REPORT

REPORT NO:-QMTL/R-88133

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-88133
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.01.2020
Sample Description : L-4, Cooling Tower- 1 Sample Onsite Temp: 20°C Sample Receipt Temp: 5°C	Source: Tank	Date(s) Tested: 09.01.2020-11.01.2020
	Sample Container: 1 X 500ml PB	Date Reported: 15.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 09.01.2020/02.31 PM
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

Report prepared by Emp#: 75

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

TEST REPORT

REPORT NO:-QMTL/R-88134

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-88134
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.01.2020
Sample Description : L-4, Cooling Tower- 2 Sample Onsite Temp: 26°C Sample Receipt Temp: 5°C	Source: Tank	Date(s) Tested: 09.01.2020-11.01.2020
	Sample Container: 1 X 500ml PB	Date Reported: 15.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 09.01.2020/02.38 PM
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

Report prepared by Emp#: 75

Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-88135

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-88135
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.01.2020
Sample Description : L-4, Cooling Tower- 3 Sample Onsite Temp: 29°C Sample Receipt Temp: 5°C	Source: Tank	Date(s) Tested: 09.01.2020-11.01.2020
	Sample Container: 1 X 500ml PB	Date Reported: 15.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 09.01.2020/02.50 PM
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	20
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

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REPORT NO:-QMTL/R-88136

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-88136
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.01.2020
Sample Description : L-4, Cooling Tower- 4 Sample Onsite Temp: 25°C Sample Receipt Temp: 5°C	Source: Tank	Date(s) Tested: 09.01.2020-11.01.2020
	Sample Container: 1 X 500ml PB	Date Reported: 15.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 09.01.2020/02.50 PM
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

Report prepared by Emp#: 75

Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-88131

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-88131
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.01.2020
Sample Description : P1 Hydrotherapy Pool Sample Onsite Temp: 27°C Sample Receipt Temp: 5°C	Source: Pool	Date(s) Tested: 09.01.2020-11.01.2020
	Sample Container: 1 X 500ml PB	Date Reported: 15.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 09.01.2020/02.15 PM
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

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TEST REPORT

Report No: QMTL/R-88139 Rev 01/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017 ATTN: Mr. JASMAN PINTO	Sample ID	QMTL/S-88139
	Date Received	09 Jan 2020
	Date(s) Tested	09 Jan 2020-14 Jan 2020
	Date Reported	10 Feb 2020
Sample Description	Copper Silver Ionisation, P2-Water Tank-5	
Sample Type	Water	Sampling Method APHA 1060B
Client Name/Project	HEALTH POINT HOSPITAL	Sampled By QMTL Representative
Location	Abu Dhabi	Sampling Date/Time 09.01.2020/03:30 PM
Sample Container	1x500mL PB	Sampling Point Tank
Sample Receipt Temp	5°C	Sample On-site Temp 30°C
Sample Appearance	Clear	On-site Treatment NP
Reference	NP	

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @24°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.66
Conductivity @24°C	APHA 2510	µs/cm	-	180.2
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min 100 – Max 1000	116
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	65.5
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	67.5
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 (4 th Edition) January 2014 requirements for potable water with respect to the above tests only. This report supersede the report no QMTL/R-88139 reported on 16.01.2020.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided
Test Method Deviation	None
Test performed by Emp#	13
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-88140 Rev 01/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		Sample ID	QMTL/S-88140
P.O.Box.131463, Abu Dhabi, U.A.E		Date Received	09 Jan 2020
Ph:02-6508930/0557167017		Date(s) Tested	09 Jan 2020-14 Jan 2020
ATTN: Mr. JASMAN PINTO		Date Reported	10 Feb 2020
Sample Description	Copper Silver Ionisation, P2-Water Tank-6		
Sample Type	Water	Sampling Method	APHA 1060B
Client Name/Project	HEALTH POINT HOSPITAL	Sampled By	QMTL Representative
Location	Abu Dhabi	Sampling Date/Time	09.01.2020/03:42 PM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample On-site Temp	21°C
Sample Appearance	Clear	On-site Treatment	NP
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @24°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.69
Conductivity @24°C	APHA 2510	µs/cm	-	179.7
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	117
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	30.6
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	67.5
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	69.5
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 (4 th Edition) January 2014 requirements for potable water with respect to the above tests only. This report supersedes the report no QMTL/R-88140 reported on 16.01.2020.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NP: Not Provided
Test Method Deviation	None
Test performed by Emp#	13
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

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