

TEST REPORT

REPORT NO: - QMTL/R-89397

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- 89397
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 16.01.2020
Sample Description : Hydrotherapy Pool Sample Onsite Temp: 31.5°C Sample Receipt Temp: 5°C	Source: Pool	Date(s) Tested: 16.01.2020-18.01.2020
	Sample Container: 1x500 ml PB	Date Reported: 26.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 16.01.2020/10:00AM
On-Site Treatment: NA	Tested by Emp#: 74 & 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 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#: 61

Test Method deviation : None

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

Reported By

ANILA GEORGE
LABORATORY MANAGER



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END OF REPORT

TEST REPORT

REPORT NO: - QMTL/R-89313

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- 89313
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 16.01.2020
Sample Description : Cooling Tower 01, Level-04 Sample Onsite Temp: 24°C Sample Receipt Temp: 5°C	Source: Cooling Tower	Date(s) Tested: 16.01.2020-18.01.2020
	Sample Container: 1x1 L PB	Date Reported: 26.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 16.01.2020/03:17PM
On-Site Treatment: NA	Tested by Emp#: 74 & 78	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	7
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#: 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-89314

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- 89314
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 16.01.2020
Sample Description : Cooling Tower 02, Level-04 Sample Onsite Temp: 24.2°C Sample Receipt Temp: 5°C	Source: Cooling Tower	Date(s) Tested: 16.01.2020-18.01.2020
	Sample Container: 1x1 L PB	Date Reported: 26.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 16.01.2020/03:29PM
On-Site Treatment: NA	Tested by Emp#: 74 & 78	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	46
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#: 61

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-89315

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- 89315
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 16.01.2020
Sample Description : Cooling Tower 03, Level-04 Sample Onsite Temp: 23.9°C Sample Receipt Temp: 5°C	Source: Cooling Tower	Date(s) Tested: 16.01.2020-18.01.2020
	Sample Container: 1x1 L PB	Date Reported: 26.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 16.01.2020/03:37PM
On-Site Treatment: NA	Tested by Emp#: 74 & 78	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	16
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#: 61

Test Method deviation : None

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REPORT NO: - QMTL/R-89316

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- 89316
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 16.01.2020
Sample Description : Cooling Tower 04, Level-04 Sample Onsite Temp: 23.8°C Sample Receipt Temp: 5°C	Source: Cooling Tower	Date(s) Tested: 16.01.2020-18.01.2020
	Sample Container: 1x1 L PB	Date Reported: 26.01.2020
	Sample Appearance: Clear	Date of Sampling/Time: 16.01.2020/04:00PM
On-Site Treatment: NA	Tested by Emp#: 74 & 78	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10,000	21
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#: 61

Test Method deviation : None

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TEST REPORT

Report No: QMTL/R-89293 Rev 01/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		Sample ID	QMTL/S-89293
P.O.Box.131463, Abu Dhabi, U.A.E		Date Received	16 Jan 2020
Ph:02-6508930/0557167017		Date(s) Tested	16 Jan 2020-20 Jan 2020
ATTN: Mr. JASMAN PINTO		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	16.01.2020/10:48 AM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample On-site Temp	26°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 @24.8°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.32
Conductivity @24.8°C	APHA 2510	µs/cm	-	231
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	150
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	41.0
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	53.6
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	61.5
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-89293 reported on 23.01.2020
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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-89294 Rev 01/2020

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		Sample ID	QMTL/S-89294
P.O.Box. 131463, Abu Dhabi, U.A.E		Date Received	16 Jan 2020
Ph:02-6508930/0557167017		Date(s) Tested	16 Jan 2020-20 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	16.01.2020/11:02 AM
Sample Container	1x500mL PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample On-site Temp	18°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 @25°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.41
Conductivity @24°C	APHA 2510	µs/cm	-	226
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min 100 – Max 1000	147
Chloride (Cl)	APHA 4500-Cl B	mg/L	Max 250	40.7
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	51.6
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	59.6
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-89294 reported on 23.01.2020
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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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