

TEST REPORT

REPORT NO:-QMTL/R-84317

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-84317
Reference: HEALTHPOINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description : Cooling Tower: 1 Sample Onsite Temp: 18°C Sample Receipt Temp: 19°C	Source: Cooling Tower	Date(s) Tested: 12-14.12.2019
	Sample Container: 1 X 1L PB	Date Reported: 19.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02.30 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

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END OF REPORT

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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S-84318
Reference: HEALTHPOINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description : Cooling Tower: 2 Sample Onsite Temp: 19°C Sample Receipt Temp: 19°C	Source: Cooling Tower	Date(s) Tested: 12-14.12.2019
	Sample Container: 1 X 1L PB	Date Reported: 19.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02.30 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

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REPORT NO:-QMTL/R-84319

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-84319
Reference: HEALTHPOINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description : Cooling Tower: 3 Sample Onsite Temp: 18.5°C Sample Receipt Temp: 19°C	Source: Cooling Tower	Date(s) Tested: 12-14.12.2019
	Sample Container: 1 X 1L PB	Date Reported: 19.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02.30 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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REPORT NO:-QMTL/R-84320

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-84320
Reference: HEALTHPOINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description : Cooling Tower: 4 Sample Onsite Temp: 19.2°C Sample Receipt Temp: 19°C	Source: Cooling Tower	Date(s) Tested: 12-14.12.2019
	Sample Container: 1 X 1L PB	Date Reported: 19.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02.30 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

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Test Method deviation : None
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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-84321
Reference: HEALTHPOINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description : Hydrotherapy Pool Sample Onsite Temp: 23°C Sample Receipt Temp: 19°C	Source: Pool	Date(s) Tested: 12-14.12.2019
	Sample Container: 1 X 1L PB	Date Reported: 19.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02.30 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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REPORT NO: - QMTL/R-84322

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- 84322
Reference: HEALTH POINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description: P2- Water Tank No. 06, Copper Silver Ionisation Sample Onsite Temp: 18°C Sample Receipt Temp: 19°C	Source: Tank	Date(s) Tested: 12-16.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 17.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02:30PM
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @23.7°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.69
Conductivity @23.8°C	APHA 2510	µs/cm	-	176.7
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	114
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	27.4
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	60.4
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

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ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: NA	Sample ID: QMTL/S- 84323
Reference: HEALTH POINT HOSPITAL	Sampled By: Client Representative	Date Received: 12.12.2019
Sample Description: P2- Water Tank No. 05, Copper Silver Ionisation Sample Onsite Temp: 27°C Sample Receipt Temp: 19°C	Source: Tank	Date(s) Tested: 12-16.12.2019
	Sample Container: 1x500 ml PB	Date Reported: 17.12.2019
	Sample Appearance: Clear	Date of Sampling/Time: 12.12.2019/02:30PM
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

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	7.72
Conductivity @23.9°C	APHA 2510	µs/cm	-	177.2
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	115
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	27.7
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	58.5
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

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