

TEST REPORT

REPORT NO:-QMTL/R-75393

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-75393
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description : P1- Hydrotherapy Pool Sample Onsite Temp: 29.1°C Sample Receipt Temp: 6°C	Source: Pool	Date(s) Tested: 09-11.10.2019
	Sample Container: 1 X 500ml PB	Date Reported: 13.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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

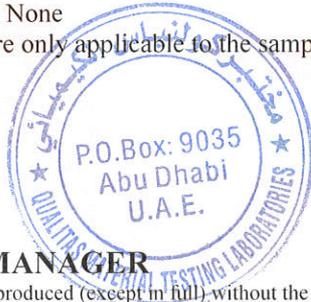
Report prepared by Emp#: 75

Test Method deviation : None

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

Reported By

**ANILA GEORGE
 LABORATORY MANAGER**



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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75396
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description : L-4, Cooling Tower No# 01 Sample Onsite Temp: 29.1°C Sample Receipt Temp: 6°C	Source: Cooling Tower	Date(s) Tested: 09-11.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 13.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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	80
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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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75397
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description : L-4, Cooling Tower No# 02 Sample Onsite Temp: 29.6°C Sample Receipt Temp: 6°C	Source: Cooling Tower	Date(s) Tested: 09-11.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 13.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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	72
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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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75398
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description : L-4, Cooling Tower No# 03 Sample Onsite Temp: 30.1°C Sample Receipt Temp: 6°C	Source: Cooling Tower	Date(s) Tested: 09-11.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 13.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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	60
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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ATTN:MR. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75399
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description : L-4, Cooling Tower No# 04 Sample Onsite Temp: 29.6°C Sample Receipt Temp: 6°C	Source: Cooling Tower	Date(s) Tested: 09-11.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 13.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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	120
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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Product: Water	Sampling Method: APHA 1060 B	Sample ID: QMTL/S- 75394
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description: P2- Water Tank No. 05, Copper Silver Ionisation Sample Onsite Temp: 26.1°C Sample Receipt Temp: 6°C	Source: Tank	Date(s) Tested: 09-13.09.2019
	Sample Container: 1x500 ml PB	Date Reported: 17.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
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 @24.2°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.72
Conductivity @24.2°C	APHA 2510	µs/cm	-	159
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	103
Chloride (Cl)	APHA 4500-Cl B	mg/L	Max 250	22.6
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	50.0
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	58.0
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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Product: Water	Sampling Method: APHA 1060 B	Sample ID: QMTL/S- 75395
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 09.10.2019
Sample Description: P2- Water Tank No. 06, Copper Silver Ionisation Sample Onsite Temp: 16.2°C Sample Receipt Temp: 6°C	Source: Tank	Date(s) Tested: 09-13.09.2019
	Sample Container: 1x500 ml PB	Date Reported: 17.10.2019
	Sample Appearance: Clear	Date of Sampling: 09.10.2019
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 @24.2°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	8.21
Conductivity @24.2°C	APHA 2510	µs/cm	-	162
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	105
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	24.1
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	52.0
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	60.0
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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