

TEST REPORT

REPORT NO:-QMTL/R-79031

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-79031
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Cooling Tower No# 01 Sample Onsite Temp: 26°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 07-09.11.2019
	Sample Container: 1X 500ml PB	Date Reported: 12.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30 PM
On-Site Treatment: NA	Tested by Emp#: 74 & 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	42
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

TEST REPORT

REPORT NO:-QMTL/R-79032

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-79032
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Cooling Tower No# 02 Sample Onsite Temp: 27°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 07-09.11.2019
	Sample Container: 1X 500ml PB	Date Reported: 12.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30 PM
On-Site Treatment: NA	Tested by Emp#: 74 & 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	37
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

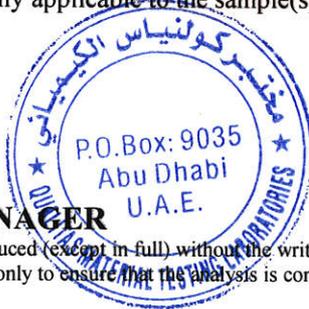
Test Method deviation : None

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

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LABORATORY MANAGER

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TEST REPORT

REPORT NO:-QMTL/R-79033

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-79033
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Cooling Tower No# 03 Sample Onsite Temp: 29°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 07-09.11.2019
	Sample Container: 1X 500ml PB	Date Reported: 12.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30 PM
On-Site Treatment: NA	Tested by Emp#: 74 & 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	32
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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TEST REPORT

REPORT NO:-QMTL/R-79034

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-79034
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Cooling Tower No# 04 Sample Onsite Temp: 31°C Sample Receipt Temp: 4°C	Source: Cooling Tower	Date(s) Tested: 07-09.11.2019
	Sample Container: 1X 500ml PB	Date Reported: 12.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30 PM
On-Site Treatment: NA	Tested by Emp#: 74 & 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	43
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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TEST REPORT

REPORT NO:-QMTL/R-79037

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-79037
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Hydrotherapy Pool	Source: Pool	Date(s) Tested: 07-09.11.2019
	Sample Container: 1 X 500ml PB	Date Reported: 12.11.2019
Sample Onsite Temp: 31.2°C	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30PM
Sample Receipt Temp: 4°C		
On-Site Treatment: NA	Tested by Emp#: 74 & 55	Location: AUH

TEST RESULTS

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

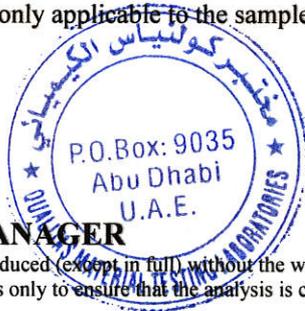
REMARKS: The sample meets DM Water Systems quality (2010) specifications for Pool Water with respect to the above test only.

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

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TEST REPORT

REPORT NO:-QMTL/R-79038

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-79038
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description : Water Fountain Sample Onsite Temp: 32°C Sample Receipt Temp: 4°C	Source: Fountain	Date(s) Tested: 07-09.11.2019
	Sample Container: 1X 500ml PB	Date Reported: 12.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019/1.30 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	500	20

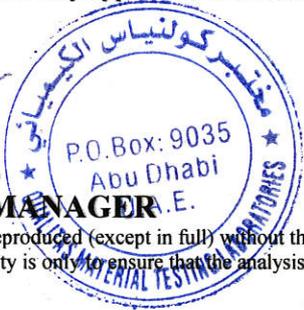
REMARKS: The sample meets DM Water Systems quality (2010) specifications for fountain water with respect to the above test only.

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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TEST REPORT

REPORT NO: - QMTL/R-79035

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- 79035
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description: P2- Water Tank No. 05, Copper Silver Ionisation Sample Onsite Temp: 31°C Sample Receipt Temp: 4°C	Source: Tank	Date(s) Tested: 07-12.11.2019
	Sample Container: 1x500 ml PB	Date Reported: 14.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019
On-Site Treatment: NA	Tested by Emp#: 67	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @23.1°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.98
Conductivity @23.1°C	APHA 2510	µs/cm	-	160.1
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	105
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	22.25
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	52.64
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	63.92
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

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LABORATORY MANAGER

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TEST REPORT

REPORT NO: - QMTL/R-79036

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- 79036
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description: P2- Water Tank No. 06, Copper Silver Ionisation Sample Onsite Temp: 20°C Sample Receipt Temp: 4°C	Source: Tank	Date(s) Tested: 07-12.11.2019
	Sample Container: 1x500 ml PB	Date Reported: 14.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019
On-Site Treatment: NA	Tested by Emp#: 67	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATION	RESULTS
CHEMICAL ANALYSIS				
pH @23.1°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.72
Conductivity @23.2°C	APHA 2510	µs/cm	-	159.3
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	104
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	21.22
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	52.64
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	60.16
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

ANITA GEORGE
LABORATORY MANAGER

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TEST REPORT

REPORT NO: - QMTL/R-79039

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- 79039
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 07.11.2019
Sample Description: GF- Water Fountain Sample Onsite Temp: 32°C Sample Receipt Temp: 4°C	Source: Fountain	Date(s) Tested: 07-12.11.2019
	Sample Container: 1x500 ml PB	Date Reported: 14.11.2019
	Sample Appearance: Clear	Date of Sampling: 07.11.2019
On-Site Treatment: NA	Tested by Emp#: 67	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	RESULTS
CHEMICAL ANALYSIS			
pH @23.1°C	APHA 4500-H ⁺ B	-	7.91
Conductivity@23.4°C	APHA 2510 B	µs/cm	158.2
Total Dissolved Solids @180°C	APHA 2540-C	mg/L	104
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	60.16
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	18.11
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	48.88
Iron (Fe)	APHA 3120 B	mg/L	<0.05

Key Words:- pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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