

TEST REPORT

REPORT NO:-QMTL/R-77027

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-77027
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description : L-4, Cooling Tower No# 01 Sample Onsite Temp: 22°C Sample Receipt Temp: 6.5°C	Source: Cooling Tower	Date(s) Tested: 22-24.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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	2
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-77028

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-77028
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description : L-4, Cooling Tower No# 02 Sample Onsite Temp: 21°C Sample Receipt Temp: 6.5°C	Source: Cooling Tower	Date(s) Tested: 22-24.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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	<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

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TEST REPORT

REPORT NO:-QMTL/R-77029

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-77029
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description : L-4, Cooling Tower No# 03 Sample Onsite Temp: 23°C Sample Receipt Temp: 6.5°C	Source: Cooling Tower	Date(s) Tested: 22-24.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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	2
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-77030

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-77030
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description : L-4, Cooling Tower No# 04 Sample Onsite Temp: 23°C Sample Receipt Temp: 6.5°C	Source: Cooling Tower	Date(s) Tested: 22-24.10.2019
	Sample Container: 1X 500ml PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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	2
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-77024

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-77024
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description : P1- Hydrotherapy Pool Sample Onsite Temp: 33°C Sample Receipt Temp: 6.5°C	Source: Pool	Date(s) Tested: 22-24.10.2019
	Sample Container: 1 X 500ml PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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

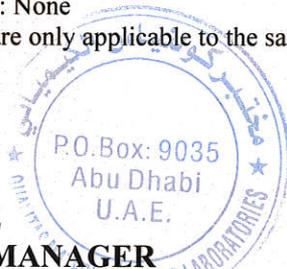
Report prepared by Emp#: 75

Test Method deviation : None

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REPORT NO: - QMTL/R-77025

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- 77025
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description: P2- Water Tank No. 05, Copper Silver Ionisation Sample Onsite Temp: 26°C Sample Receipt Temp: 6.5°C	Source: Tank	Date(s) Tested: 22-24.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 24.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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	7.61
Conductivity @24.2°C	APHA 2510	µs/cm	-	169
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	110
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	25.6
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	54.5
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	62.0
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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REPORT NO: - QMTL/R-77026

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- 77026
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 22.10.2019
Sample Description: P2- Water Tank No. 06, Copper Silver Ionisation Sample Onsite Temp: 17°C Sample Receipt Temp: 6.5°C	Source: Tank	Date(s) Tested: 22-24.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 24.10.2019
	Sample Appearance: Clear	Date of Sampling: 22.10.2019
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 @24.3°C	APHA 4500-H ⁺ B	--	7.0 - 9.2	7.75
Conductivity @24°C	APHA 2510	µs/cm	-	173
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100 – Max 1000	112
Chloride (Cl)	APHA 4500-Cl B	mg/L	Max 250	26.9
Calcium Hardness as CaCO ₃	APHA 3500-Ca B	mg/L	Max 200	56.4
Total Hardness as (CaCO ₃)	APHA 2340-C	mg/L	Max 300	63.9
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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