

TEST REPORT

REPORT NO: - QMTL/R-76048

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- 76048
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 14.10.2019
Sample Description: NRL Lab - Millipore Sample Onsite Temp: 20.6°C Sample Receipt Temp: 4°C	Source: Millipore	Date(s) Tested: 14-18.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 22.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	RESULTS
CHEMICAL ANALYSIS			
pH @23.1°C	APHA 4500-H ⁺ B	-	7.68
Conductivity@23.1°C	APHA 2510 B	µs/cm	10.31
Total Suspended Solids @105°C	APHA 2540-D	mg/L	<3
Total Dissolved Solids @180°C	APHA 2540-C	mg/L	6.40
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	<3
Total Alkalinity to p ^H 4.4	APHA 2320-B	mg/L	<2
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	<3
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

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-76058

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- 76058
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received : 14.10.2019
Sample Description : NRL Lab - Millipore Sample Onsite Temp: 20.6°C Sample Receipt Temp: 4°C	Source: Millipore	Date(s) Tested : 14-16.10.2019
	Sample Container: 1 X 500ml PB	Date Reported : 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	(10/1000ml)	<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 with ASTM D 1193 Standard Specification for Reagent Water with respect to the above tests only.

Key Words:- CFU : Colony Forming Unit, APHA : American Public Health Association, RSB : Regulation & Supervision Bureau HAAD : The Health – Authority- Abu Dhabi, EHSMS : Environment, Health and Safety Management System, 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-76071

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: BS 7592	Sample ID : QMTL/S-76071
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received : 14.10.2019
Sample Description : NRL Lab - Millipore Sample Onsite Temp: 20.6°C Sample Receipt Temp: 20°C	Source: Millipore	Date(s) Tested : 14-24.10.2019
	Sample Container: 1 X 1L PB	Date Reported : 26.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	RESULTS
LEGIONELLA ANALYSIS			
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	Not Detected
IDENTIFICATION			
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th Edition)	-	Absent

REMARKS : The sample meets with ASTM D 1193 Standard Specification for Reagent Water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, HAAD: The Health Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, 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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END OF REPORT

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QMTL-FRM-58 Revision : 02; Revision Date : 03.01.2016

TEST REPORT

REPORT NO: - QMTL/R-76049

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- 76049
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 14.10.2019
Sample Description: NRL Lab – Hand Wash Sample Onsite Temp: 32.6°C Sample Receipt Temp: 4°C	Source: Hand Wash	Date(s) Tested: 14-18.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 22.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	GUIDELINES	RESULTS
CHEMICAL ANALYSIS				
pH @23.2°C	APHA 4500-H ⁺ B	-	7.0-9.2	7.68
Conductivity@23°C	APHA 2510 B	µs/cm	-	192.3
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100-Max1000	120
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	Max 300	66.0
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	26.39
Calcium (Ca)	APHA 3500-Ca B	mg/L	-	22.44
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<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

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END OF REPORT

TEST REPORT

REPORT NO: - QMTL/R-76059

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- 76059
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received : 14.10.2019
Sample Description : NRL Lab- Hand Wash Sample Onsite Temp: 32.6°C Sample Receipt Temp: 4°C	Source: Tap	Date(s) Tested : 14-16.10.2019
	Sample Container: 1 X 500ml PB	Date Reported : 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

REMARKS : The sample meets the limits of HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words:- CFU : Colony Forming Unit, APHA : American Public Health Association, RSB : Regulation & Supervision Bureau HAAD : The Health – Authority- Abu Dhabi, EHSMS : Environment, Health and Safety Management System, 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

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-76072

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: BS 7592	Sample ID: QMTL/S-76072
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 14.10.2019
Sample Description : NRL Lab – Hand Wash Sample Onsite Temp: 32.6°C Sample Receipt Temp: 20°C	Source: Hand Wash	Date(s) Tested: 14-24.10.2019
	Sample Container: 1X 1L PB	Date Reported: 26.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pnueumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pnueumophila sero group 2-14	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS : The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, HAAD: The Health Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NA: Not Applicable

Report prepared by Emp#: 72

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-76050

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- 76050
Reference: HEALTH POINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 14.10.2019
Sample Description: NRL Lab – Eye Wash Sample Onsite Temp: 18.2°C Sample Receipt Temp: 4°C	Source: Eye Wash	Date(s) Tested: 14-18.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 22.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 13	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS (APHA 23 RD EDITION)	UNITS	GUIDELINES	RESULTS
CHEMICAL ANALYSIS				
pH @22.3°C	APHA 4500-H ⁺ B	-	7.0-9.2	7.91
Conductivity@22.3°C	APHA 2510 B	µs/cm	-	159.6
Total Dissolved Solids@180°C	APHA 2540-C	mg/L	Min100-Max1000	105
Total Hardness as(CaCO ₃)	APHA 2340-C	mg/L	Max 300	62.0
Chloride (Cl)	APHA 4500-Cl ⁻ B	mg/L	Max 250	26.99
Calcium (Ca)	APHA 3500-Ca B	mg/L	-	21.64
Iron (Fe)	APHA 3120 B	mg/L	Max 0.2	<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

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REPORT NO: - QMTL/R-76060

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- 76060
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received : 14.10.2019
Sample Description : NRL Lab- Eye Wash Sample Onsite Temp: 18.2°C Sample Receipt Temp: 4°C	Source: Tap	Date(s) Tested : 14-16.10.2019
	Sample Container: 1 X 500ml PB	Date Reported : 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	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@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	Zero	Zero

REMARKS : The sample meets the limits of HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words:- CFU : Colony Forming Unit, APHA : American Public Health Association, RSB : Regulation & Supervision Bureau HAAD : The Health – Authority- Abu Dhabi, EHSMS : Environment, Health and Safety Management System, 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-76073

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: BS 7592	Sample ID: QMTL/S-76073
Reference: HEALTHPOINT HOSPITAL	Sampled By: QMTL Representative	Date Received: 14.10.2019
Sample Description : NRL Lab – Eye Wash Sample Onsite Temp: 18.2°C Sample Receipt Temp: 20°C	Source: Eye Wash	Date(s) Tested: 14-24.10.2019
	Sample Container: 1X 1L PB	Date Reported: 26.10.2019
	Sample Appearance: Clear	Date of Sampling: 14.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th Edition)	-	-	Absent

REMARKS : The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, HAAD: The Health Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, 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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