

TEST REPORT

Report No: QMTL/R-148388/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148388
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 17 Feb 2021
		Date Reported	23 Feb 2021
Sample Description	NRL Lab, Emergency Eyewash		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:25 PM
Sample Container	1x500ml PB	Sampling Point	Eyewash
Sample Receipt Temp	18°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
PHYSICAL PARAMETERS				
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	-	289@24.2°C
pH*	APHA 4500 H+B-23rd Edition	-	Min 7.0-Max 9.2	8.25@24.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	Min 100-Max 600	187
CHEMICAL PARAMETERS				
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	Max 250	34.5
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	Max 300	63.6
METALS				
Calcium *	APHA 3500-Ca B-23rd Edition	mg/L	-	17.9
Iron*	APHA 3120 B-23rd Edition	mg/L	Max 0.20	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets Department of Energy Water Quality Regulations (5th Edition/Document No-DoE/PD/R01/003)Jan- 2021 requirements for potable water with respect to the above tests only.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, DoE: Department of Energy, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
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Test method deviation	None
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Test performed by Emp#	13
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Report prepared by Emp#	22
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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-148324/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148324
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
		Date Reported	28 Feb 2021
Sample Description	NRL - Lab, Emergency Eye Wash		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 2:50 PM
Sample Container	1x500ml PB	Sampling Point	Emergency Eye Wash
Sample Receipt Temp	4°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	100	5
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	Zero	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	Zero	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	Zero	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
Keywords	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, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
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-148375/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148375
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 24 Feb 2021
		Date Reported	03 Mar 2021
Sample Description	NRL Lab, Emergency Eye Wash		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 2:50 PM
Sample Container	1x1L PB	Sampling Point	Emergency Eye Wash
Sample Receipt Temp	21°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella Species	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-148389/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148389
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 17 Feb 2021
		Date Reported	23 Feb 2021
Sample Description	NRL Lab, Handwash		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:30 PM
Sample Container	1x500ml PB	Sampling Point	Handwash
Sample Receipt Temp	18°C	Sample Onsite Temp	31°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
PHYSICAL PARAMETERS				
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	-	272@25.2°C
pH*	APHA 4500 H+B-23rd Edition	-	Min 7.0-Max 9.2	8.35@25.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	Min 100-Max 600	176
CHEMICAL PARAMETERS				
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	Max 250	60.8
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	Max 300	89.7
METALS				
Calcium *	APHA 3500-Ca B-23rd Edition	mg/L	-	17.9
Iron*	APHA 3120 B-23rd Edition	mg/L	Max 0.20	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets Department of Energy Water Quality Regulations (5th Edition/Document No-DoE/PD/R01/003)Jan- 2021 requirements for potable water with respect to the above tests only.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, DoE: Department of Energy, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
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Test method deviation	None
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Test performed by Emp#	13
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Report prepared by Emp#	22
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The above test results are only applicable to the sample(s) referred above.

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TEST REPORT

Report No: QMTL/R-148325/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148325
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
		Date Reported	28 Feb 2021
Sample Description	NRL - Lab, Hand Wash		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 2:55 PM
Sample Container	1x500ml PB	Sampling Point	Hand Wash
Sample Receipt Temp	4°C	Sample Onsite Temp	31°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	100	4
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	Zero	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	Zero	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	Zero	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	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, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72

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

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TEST REPORT

Report No: QMTL/R-148376/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148376
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 24 Feb 2021
		Date Reported	03 Mar 2021
Sample Description	NRL Lab, Hand Wash		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 2:55 PM
Sample Container	1x 1L PB	Sampling Point	Hand Wash
Sample Receipt Temp	21°C	Sample Onsite Temp	31°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella Species	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar

Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-148390/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148390
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 17 Feb 2021
		Date Reported	23 Feb 2021
Sample Description	NRL Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:35 PM
Sample Container	1x500ml PB	Sampling Point	Eyewash
Sample Receipt Temp	18°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	RESULTS
PHYSICAL PARAMETERS			
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	68.8@25.2°C
pH*	APHA 4500 H+B-23rd Edition	-	8.25@25.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	45.0
Total Suspended Solids*	APHA 2540 D -23rd Edition	mg/L	<3
CHEMICAL PARAMETERS			
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	6.08
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	9.34
Total Alkalinity to pH 4.4*	APHA 2320 B-23rd Edition	mg/L	12.6
METALS			
Iron*	APHA 3120 B-23rd Edition	mg/L	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	NA
Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
Test method deviation	None
Test performed by Emp#	13
Report prepared by Emp#	22
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-148326/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148326
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
		Date Reported	28 Feb 2021
Sample Description	NRL - Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:00 PM
Sample Container	1x500ml PB	Sampling Point	Millipore
Sample Receipt Temp	4°C	Sample Onsite Temp	21°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	(10/1000ml)	<1
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	-	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	-	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	-	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	-	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets with ASTM D 1193 Standard Specification for Reagent Water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
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Test method deviation	None
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Test performed by Emp#	103 & 14
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Report prepared by Emp#	72
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The above test results are only applicable to the sample(s) referred above.

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TEST REPORT

Report No: QMTL/R-148377/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-148377	
	Date Received	14 Feb 2021	
	Date(s) Tested	14 Feb 2021 - 24 Feb 2021	
	Date Reported	03 Mar 2021	
ATTN : MR. JASMAN PINTO			
Sample Description	NRL Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:00 PM
Sample Container	1x1L PB	Sampling Point	Millipore
Sample Receipt Temp	21°C	Sample Onsite Temp	21°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	RESULTS
LEGIONELLA ANALYSIS			
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1
Legionella Species	ISO 11731:2017 E	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	NA
Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, , NP: Not Provided, NA: Not Applicable, WI: Work Instruction
Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

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TEST REPORT

Report No: QMTL/R-148391/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-148391	
	Date Received	14 Feb 2021	
	Date(s) Tested	14 Feb 2021 - 17 Feb 2021	
	Date Reported	23 Feb 2021	
ATTN : MR. JASMAN PINTO			
Sample Description	ICLDC Lab, Emergency Eyewash		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:40 PM
Sample Container	1x500ml PB	Sampling Point	Eyewash
Sample Receipt Temp	18°C	Sample Onsite Temp	24°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
PHYSICAL PARAMETERS				
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	-	301@25.2°C
pH*	APHA 4500 H+B-23rd Edition	-	Min 7.0-Max 9.2	8.19@24.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	Min 100-Max 600	195
CHEMICAL PARAMETERS				
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	Max 250	20.3
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	Max 300	74.7
METALS				
Calcium *	APHA 3500-Ca B-23rd Edition	mg/L	-	16.5
Iron*	APHA 3120 B-23rd Edition	mg/L	Max 0.20	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets Department of Energy Water Quality Regulations (5th Edition/Document No-DoE/PD/R01/003)Jan- 2021 requirements for potable water with respect to the above tests only.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, DoE: Department of Energy, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
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Test method deviation	None
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Test performed by Emp#	13
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Report prepared by Emp#	22
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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-148327/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148327
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
		Date Reported	28 Feb 2021
Sample Description	ICLDC - Lab, Emergency Eye Wash		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:05 PM
Sample Container	1x500ml PB	Sampling Point	Emergency Eye Wash
Sample Receipt Temp	4°C	Sample Onsite Temp	24°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	100	9
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	Zero	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	Zero	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	Zero	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	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, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72

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

Reported By
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TEST REPORT

Report No: QMTL/R-148378/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-148378	
	Date Received	14 Feb 2021	
	Date(s) Tested	14 Feb 2021 - 24 Feb 2021	
	Date Reported	03 Mar 2021	
ATTN : MR. JASMAN PINTO			
Sample Description	ICLDC Lab, Emergency Eye Wash		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:05 PM
Sample Container	1x1L PB	Sampling Point	Emergency Eye Wash
Sample Receipt Temp	21°C	Sample Onsite Temp	24°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella Species	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
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-148392/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148392
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 17 Feb 2021
		Date Reported	23 Feb 2021
Sample Description	ICLDC Lab, Handwash		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:45 PM
Sample Container	1x500ml PB	Sampling Point	Handwash
Sample Receipt Temp	18°C	Sample Onsite Temp	30°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
PHYSICAL PARAMETERS				
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	-	325@25.2°C
pH*	APHA 4500 H+B-23rd Edition	-	Min 7.0-Max 9.2	8.25@25.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	Min 100-Max 600	211
CHEMICAL PARAMETERS				
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	Max 250	16.3
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	Max 300	70.9
METALS				
Calcium *	APHA 3500-Ca B-23rd Edition	mg/L	-	20.9
Iron*	APHA 3120 B-23rd Edition	mg/L	Max 0.20	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets Department of Energy Water Quality Regulations (5th Edition/Document No-DoE/PD/R01/003)Jan- 2021 requirements for potable water with respect to the above tests only.
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, DoE: Department of Energy, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
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Test method deviation	None
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Test performed by Emp#	13
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Report prepared by Emp#	22
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TEST REPORT

Report No: QMTL/R-148328/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148328
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
		Date Reported	28 Feb 2021
Sample Description	ICLDC - Lab, Hand Wash		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:10 PM
Sample Container	1x500ml PB	Sampling Point	Hand Wash
Sample Receipt Temp	4°C	Sample Onsite Temp	38°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	100	9
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	Zero	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	Zero	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	Zero	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	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, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72

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-148379/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148379
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 24 Feb 2021
		Date Reported	03 Mar 2021
Sample Description	ICLDC Lab, Hand Wash		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:10 PM
Sample Container	1x1L PB	Sampling Point	Hand Wash
Sample Receipt Temp	21°C	Sample Onsite Temp	38°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1	<1
Legionella Species	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
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Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72

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-148393/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148393
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 17 Feb 2021
		Date Reported	23 Feb 2021
Sample Description	ICLDC Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-SOP-128
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021/ 12:50 PM
Sample Container	1x500ml PB	Sampling Point	Millipore
Sample Receipt Temp	18°C	Sample Onsite Temp	20.2°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	RESULTS
PHYSICAL PARAMETERS			
Conductivity*	APHA 2510 B-23rd Edition	µs/cm	28@24.2°C
pH*	APHA 4500 H+B-23rd Edition	-	8.22@24.2°C
Total Dissolved Solids*	APHA 2540-C-23rd Edition	mg/L	18.0
Total Suspended Solids*	APHA 2540 D -23rd Edition	mg/L	<3
CHEMICAL PARAMETERS			
Chloride*	APHA 4500 Cl ⁻ B-23rd Edition	mg/L	<3
Total Hardness as (CaCO ₃)*	APHA 2340-C-23rd Edition	mg/L	7.80
Total Alkalinity to pH 4.4*	APHA 2320 B-23rd Edition	mg/L	5.12
METALS			
Iron*	APHA 3120 B-23rd Edition	mg/L	<0.05

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	NA
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Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, SOP: Standard Operating Procedure, NA: Not Applicable, NP: Not Provided.
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Test method deviation	None
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Test performed by Emp#	13
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Report prepared by Emp#	22
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END OF REPORT

TEST REPORT

Report No: QMTL/R-148329/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148329
		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 16 Feb 2021
ATTN : MR. JASMAN PINTO		Date Reported	28 Feb 2021
Sample Description	ICLDC - Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:15 PM
Sample Container	1x500ml PB	Sampling Point	Millipore
Sample Receipt Temp	4°C	Sample Onsite Temp	20.2°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL PARAMETERS				
Total Bacterial Count*	APHA 9215 B -23rd Edition	CFU/ml	(10/1000ml)	<1
Total Coliforms*	APHA 9222 B -23rd Edition	CFU/100 ml	-	Zero
Fecal Coliforms*	APHA 9222 D -23rd Edition	CFU/100 ml	-	Zero
Pseudomonas aeruginosa*	APHA 9213 E -23rd Edition	CFU/100 ml	-	Zero
E.coli*	APHA 9222 I -23rd Edition	CFU/100 ml	-	Zero

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	The sample meets with ASTM D 1193 Standard Specification for Reagent Water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, NP: Not Provided, NA: Not Applicable, WI: Work Instruction
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Test method deviation	None
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Test performed by Emp#	103 & 14
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Report prepared by Emp#	72
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The above test results are only applicable to the sample(s) referred above.

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TEST REPORT

Report No: QMTL/R-148380/2021

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-148380
ATTN : MR. JASMAN PINTO		Date Received	14 Feb 2021
		Date(s) Tested	14 Feb 2021 - 24 Feb 2021
		Date Reported	03 Mar 2021
Sample Description	ICLDC Lab, Millipore		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital, Abu Dhabi	Sampling Date/Time	14.02.2021 / 3:15 PM
Sample Container	1x1L PB	Sampling Point	Millipore
Sample Receipt Temp	21°C	Sample Onsite Temp	20.2°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	RESULTS
LEGIONELLA ANALYSIS			
Legionella*	ISO 11731:2017 E (Matrix A-Procedure-5)	CFU/litre	<1
Legionella Species	ISO 11731:2017 E	-	Absent
Legionella pneumophila sero group 1	ISO 11731:2017 E	-	Absent
Legionella pneumophila sero group 2-15	ISO 11731:2017 E	-	Absent

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

Remarks	NA
Keywords	CFU: Colony Forming Unit, ISO : International Organization for Standardization, , NP: Not Provided, NA: Not Applicable, WI: Work Instruction
Test method deviation	None
Test performed by Emp#	103 & 14
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

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