

TEST REPORT

Report No: QMTL/R-127479/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-127479
ATTN : MR. JASMAN PINTO		Date Received	08 Oct 2020
		Date(s) Tested	08 Oct 2020 - 18 Oct 2020
		Date Reported	21 Oct 2020
Sample Description	Main Pool		
Sample Type	Water	Sampling Method	NP
Client Name/Project	NP	Sampled By	Client Representative
Location	Al Rayyana	Sampling Date/Time	07.10.2020 / NP
Sample Container	1x1L PB	Sampling Point	Pool
Sample Receipt Temp	18°C	Sample Onsite Temp	30.1°C
Sample Appearance	Clear	On-site Treatment	NP
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

Remarks	The sample meets DM Public swimming pool safety guidelines(2019,Doc Ref.:DM-PH&SD-GU81-PSPS2) specifications for Pool Water with respect to the above tests only.
---------	---

Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, DM: Dubai Municipality, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
----------	--

Test method deviation	None
-----------------------	------

Test performed by Emp#	14 & 74
------------------------	---------

Report prepared by Emp#	72
-------------------------	----

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 solely 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-127478/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-127478
ATTN : MR. JASMAN PINTO		Date Received	08 Oct 2020
		Date(s) Tested	08 Oct 2020 - 18 Oct 2020
		Date Reported	21 Oct 2020
Sample Description	Kids Pool		
Sample Type	Water	Sampling Method	NP
Client Name/Project	NP	Sampled By	Client Representative
Location	Al Rayyana	Sampling Date/Time	07.10.2020 / NP
Sample Container	1x1L PB	Sampling Point	Pool
Sample Receipt Temp	18°C	Sample Onsite Temp	29.7°C
Sample Appearance	Clear	On-site Treatment	NP
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

Remarks	The sample meets DM Public swimming pool safety guidelines(2019,Doc Ref.:DM-PH&SD-GU81-PSPS2) specifications for Pool Water with respect to the above tests only.
---------	---

Keywords	CFU: Colony Forming Unit, ISO: International Organization for Standardization, DM: Dubai Municipality, NP: Not Provided, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar
----------	--

Test method deviation	None
-----------------------	------

Test performed by Emp#	14 & 74
------------------------	---------

Report prepared by Emp#	72
-------------------------	----

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 solely to ensure that the analysis is conducted to standard test methods in accordance with Industry accepted practice.

END OF REPORT

SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:	AL RAYYANA		
Sampled By	Crystalline Rep	Visit Date:	07-10-2020
Source of Sample	Swimming Pool	Sample Point	Main Swimming Pool

TEST RESULT			
No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.50
2	Conductivity at 25°C, µs/cm	---	346
3	TDS, ppm	Max 1500	224
4	Alkalinity	80 - 120	91
5	Calcium Hardness	200 - 500	219
6	Residual Chlorine	1.0 - 3.0	1.07
7	Cyanuric Acid	20 - 60	26
8	Dip slide	<10 ³	ND

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> All Parameters are within control limit – No action Recommended.

Reported By,

Murugraj
Murugaraj
Service Engineer



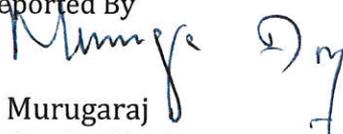
SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:	AL RAYYANA		
Sampled By	Crystalline Rep	Visit Date:	07-10-2020
Source of Sample	Swimming Pool	Sample Point	Kids Swimming Pool

TEST RESULT			
No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.33
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	312
3	TDS, ppm	Max 1500	202
4	Alkalinity	80 - 120	85
5	Calcium Hardness	200 - 500	201
6	Residual Chlorine	1.0 - 3.0	1.09
7	Cyanuric Acid	20 - 60	21
8	Dip slide	<10 ³	ND

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> All Parameters are within control limit – No action Recommended.

Reported By

 Murugaraj
 Service Engineer

