

TEST REPORT

Report No: QMTL/R-96064/2020

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|--|---------------|--------------------|---------------------------|
| CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates | | Sample ID | QMTL/S-96064 |
| ATTN : MR. JASMAN PINTO | | Date Received | 03 Mar 2020 |
| | | Date(s) Tested | 03 Mar 2020 - 05 Mar 2020 |
| | | Date Reported | 09 Mar 2020 |
| Sample Description | Swimming Pool | | |
| Sample Type | Water | Sampling Method | NP |
| Client Name/Project | NP | Sampled By | Client Representative |
| Location | AL NOOR TOWER | Sampling Date/Time | 03.03.2020/NP |
| Sample Container | 1x500ml PB | Sampling Point | Pool |
| Sample Receipt Temp | 28.1°C | Sample Onsite Temp | 30°C |
| Sample Appearance | Clear | On-site Treatment | NP |
| Reference | NP | | |

TEST RESULTS

| PARAMETERS | TEST METHODS | UNITS | GUIDELINES | RESULTS |
|---------------------------------|--------------------------------|------------|------------|---------|
| MICROBIOLOGICAL ANALYSIS | | | | |
| E.coli | APHA 9222 H & I (23rd Edition) | CFU/100 ml | - | 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 |
| Total Bacterial Count | APHA 9215 B (23rd Edition) | CFU/ml | 1000 | 60 |
| Total Coliforms | APHA 9222 B (23rd Edition) | CFU/100 ml | Zero | Zero |

| | |
|---------|--|
| Remarks | The sample meets DM Water Systems quality (2010) specifications for Pool Water with respect to the above tests only. |
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| Keywords | CFU: Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, NP: Not Provided |
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|-----------------------|------|
| Test method deviation | None |
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|------------------------|---------|
| Test performed by Emp# | 74 & 78 |
|------------------------|---------|

| | |
|-------------------------|----|
| 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 Noor Tower | Visit Date: | 03-03-2020 |
| Sampled By: | Crystalline Rep. | Sample Point | Main Swimming Pool |
| Source of Sample | Swimming Pool | | |

TEST RESULT

| No | Parameter | Control limits | Test Results |
|----|---|----------------|--------------|
| 1 | pH at 25°C | 7.2 - 7.6 | 7.58 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | --- | 193 |
| 3 | TDS, ppm | Max 1500 | 126 |
| 4 | Alkalinity | 80 - 120 | 83 |
| 5 | Calcium Hardness | 200 - 500 | 124 |
| 6 | Residual Chlorine | 1.0 - 3.0 | 1.09 |
| 7 | Cyanuric Acid | 20 - 60 | 20 |
| 8 | Dip slide | $<10^3$ | ND |

*** All test results expressed in parts per million (ppm) as CaCO_3 except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- Calcium Hardness levels are low – Please maintain the desired limit.

Reported By,

P. Murugaraj
Murugaraj
Service Engineer

