



Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-31423



Request No. : WA-Q-L-2101-04443

Sample No. : WA-S-L-2101-30774

| | | | |
|-----------------------|---------------------|---------------------|-------------------------------------|
| Sampling Date | : 04/01/2021 | Report Date. | : 07/01/2021 |
| Analysis Start Date. | : 04/01/2021 | Analysis End Date. | : 06/01/2021 |
| Sample Location. | : Al Bandar Village | Sampled By | : Client |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 3359 | Sampling Method | : Not Applicable |
| Temperature °C | : Not Given | Site Observation | : Not Given |
| Sampling Container | : Plastic Bottle | Source of Sample | : ETS Room Al Naseem Building 13 |
| Sampling Point | : Valve | Preservation | : Not Applicable |
| Sample Description | : Chilled Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | - |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | - |

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

| | | |
|---------|-------------|------------------|
| Analyst | Reviewed By | Method Variation |
| SN | SM | None |

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

Test results relate only to the samples tested.This report shall not be reproduced except in full, without the written approval of the Laboratory. This is a LIMS software generated document with E Signature.

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CRYSTALLINE ENVIRONMENTAL SERVICES

Consulting Test Report

| | | | |
|---|---------------------------|---------------------|--|
| Client Name: TAFAWUQ FACILITY MANAGEMENT | | | |
| Site Name: | AL BHANDAR VILLAGE | Visit Date: | 04-01-2021 |
| Source of Sample | Chiller Line | Sample Point | ETS Room, Al Naseem Building # 13 |

| TEST RESULT | | | |
|--------------------|---------------------------------------|-----------------------|---------------------|
| No | Parameter | Control limits | Test Results |
| 1 | pH | 9.0 - 10.5 | 9.04 |
| 2 | Conductivity, $\mu\text{s}/\text{cm}$ | Max 3500 | 129 |
| 3 | TDS, ppm | -- | 83 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | <0.10 |
| 5 | Nitrite, ppm | > 800 | <100 |
| 6 | Dipslide | <10 ³ | ND |

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

| COMMENTS: | ACTION: |
|---|---|
| The pH level is satisfactory. \Rightarrow | No action recommended. |
| The Conductivity levels are satisfactory. \Rightarrow | No action recommended. |
| Dissolved iron levels are satisfactory. \Rightarrow | No action recommended. |
| Nitrite level is low. \Rightarrow | Please maintained desired control limits. |

Reported By,


Murugaj
Service Engineer

