

## SWIMMING POOL - WATER ANALYSIS REPORT

|  |                  |                     |                    |
|--|------------------|---------------------|--------------------|
| <b>Client Name:</b> INAYA FACILITIES MANAGEMENT, ABU DHABI |                  |                     |                    |
| <b>Site Name:</b>  | SEA SIDE TOWER   | <b>Visit Date:</b>  | 27.07.2020         |
| <b>Sampled By:</b>   | Crystalline Rep. | <b>Sample Point</b> | Main Swimming Pool |

### TEST RESULT

| No | Parameter                   | Control limits   | Test Results |
|----|-----------------------------|------------------|--------------|
| 1  | pH at 25°C                  | 7.2 - 7.6        | 7.55         |
| 2  | Conductivity at 25°C, µs/cm | ---              | 824          |
| 3  | TDS, ppm                    | Max 1500         | 535          |
| 4  | Alkalinity                  | 80 - 120         | 82           |
| 5  | Calcium Hardness            | 200 - 500        | 216          |
| 6  | Residual Chlorine           | 1.0 - 3.0        | 1.09         |
| 7  | Cyanuric Acid               | 20 - 60          | 29           |
| 8  | Dip slide                   | <10 <sup>3</sup> | ND           |

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action Recommended.

Reported By,

Murugaraj  
Service Engineer





**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-2008-17878



Request No. : WA-Q-L-2008-02680

Sample No. : WA-S-L-2008-17249

|                       |                      |                     |                         |
|-----------------------|----------------------|---------------------|-------------------------|
| Sampling Date         | : 27/07/2020         | Report Date.        | : 30/07/2020            |
| Analysis Start Date.  | : 27/07/2020         | Analysis End Date.  | : 30/07/2020            |
| Sample Location.      | : Inaya FM           | Sampled By          | : Client Representative |
| Sample Identification | : Not Applicable     | Sample Submitted as | : Water                 |
| Sample Certificate No | : Not Applicable     | Sampling Method     | : Not Applicable        |
| Temperature °C        | : Not Applicable     | Site Observation    | : Not Applicable        |
| Sampling Container    | : Plastic Bottle     | Source of Sample    | : Sea Side              |
| Sampling Point        | : Main Swimming Pool | Sample Description  | : Water                 |

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

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Camden 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.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella 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-2008-17877



Request No. : WA-Q-L-2008-02680

Sample No. : WA-S-L-2008-17249

|                       |                      |                     |                         |
|-----------------------|----------------------|---------------------|-------------------------|
| Sampling Date         | : 27/07/2020         | Report Date.        | : 06/08/2020            |
| Analysis Start Date.  | : 27/07/2020         | Analysis End Date.  | : 06/08/2020            |
| Sample Location.      | : Inaya FM           | Sampled By          | : Client Representative |
| Sample Identification | : Not Applicable     | Sample Submitted as | : Water                 |
| Sample Certificate No | : Not Applicable     | Sampling Method     | : Not Applicable        |
| Temperature °C        | : Not Applicable     | Site Observation    | : Not Applicable        |
| Sampling Container    | : Plastic Bottle     | Source of Sample    | : Sea Side              |
| Sampling Point        | : Main Swimming Pool | Sample Description  | : Water                 |

| Parameters | Test Methods    | Units | Results      | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | Zero/L        |

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limit.**

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

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

**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.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -