



**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-2105-44224



Request No. : WA-Q-L-2105-06102 Received Date : 03/05/2021 Sample No. : WA-S-L-2105-43885

Sampling Date	: 03/05/2021	Report Date.	: 08/05/2021
Analysis Start Date.	: 03/05/2021	Analysis End Date.	: 06/05/2021
Sample Location.	: Sas Al Nakheel	Sampled By	: Client rep
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: APHA 9060 A&B
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Main Pool
Sampling Point	: Not Given	Preservation	: 4 - 8°C
Sample Description	: Water	Samplerrefno	: 1

Parameters	Test Methods	Units	Results	Specification
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	1000CFU/ml
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/100ml
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool),

Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

**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

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2105-44225

**Crystalline Cleaning & Environmental Services**

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



Request No. : WA-Q-L-2105-06102 Received Date : 03/05/2021 Sample No. : WA-S-L-2105-43886

Sampling Date	: 03/05/2021	Report Date.	: 08/05/2021
Analysis Start Date.	: 03/05/2021	Analysis End Date.	: 06/05/2021
Sample Location.	: Sas Al Nakheel	Sampled By	: Client rep
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: APHA 9060 A&B
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kids Pool
Sampling Point	: Not Given	Preservation	: 4 - 8°C
Sample Description	: Water	Samplerrefno	: 2

Parameters	Test Methods	Units	Results	Specification
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	1000CFU/ml
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/100ml
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	--

Note : Not Detected,= $\leq$ 1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool),

Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

**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

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# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:	SAS AL NAKHEEL VILLAGE		
Sampled By:	Crystalline Rep.	Visit Date:	03-05-2021
Source of Sample	Swimming Pool	Sample Point	Kids Swimming Pool

### TEST RESULT

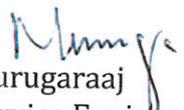
No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.53
2	Conductivity at 25°C, $\mu\text{S}/\text{cm}$	---	317
3	TDS, ppm	Max 1500	206
4	Alkalinity	80 - 120	86
5	Calcium Hardness	200 - 500	216
6	Residual Chlorine	1.0 - 3.0	1.20
7	Cyanuric Acid	20 - 60	24
8	Dip slide	$<10^3$	ND

\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,

  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:	SAS AL NAKHEEL VILLAGE		
Sampled By:	Crystalline Rep.	Visit Date:	03-05-2021
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	7.53
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	348
3	TDS, ppm	Max 1500	226
4	Alkalinity	80 - 120	91
5	Calcium Hardness	200 - 500	230
6	Residual Chlorine	1.0 - 3.0	1.29
7	Cyanuric Acid	20 - 60	27
8	Dip slide	$<10^3$	ND

\*\*\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"><li>All Parameters are within control limit - No action recommended</li></ul>

Reported By,

Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**