



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-2103-39256



Request No. : WA-Q-L-2103-05513

Received Date : 18/03/2021

Sample No. : WA-S-L-2103-38780

Sampling Date	: 18/03/2021	Report Date.	: 22/03/2021
Analysis Start Date.	: 18/03/2021	Analysis End Date.	: 21/03/2021
Sample Location.	: Al Rayyana Village	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 4125	Sampling Method	: APHA 9060 A&B
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Main Swimming Pool
Sampling Point	: Pool Area	Preservation	: 4-8°C
Sample Description	: Pool Water		

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2103-39257

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2103-05513 Received Date : 18/03/2021 Sample No. : WA-S-L-2103-38781

Sampling Date	: 18/03/2021	Report Date.	: 22/03/2021
Analysis Start Date.	: 18/03/2021	Analysis End Date.	: 21/03/2021
Sample Location.	: Al Rayyana Village	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 4125	Sampling Method	: APHA 9060 A&B
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kids Swimming Pool
Sampling Point	: Pool Area	Preservation	: 4-8°C
Sample Description	: Pool Water		

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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SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:		AL RAYYANA	
Sampled By		Crystalline Rep	Visit Date: 18-03-2021
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	7.51
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	173
3	TDS, ppm	Max 1500	112
4	Alkalinity	80 - 120	82
5	Calcium Hardness	200 - 500	204
6	Residual Chlorine	1.0 - 3.0	1.34
7	Cyanuric Acid	20 - 60	21
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

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

Reported By,


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:	18-03-2021
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, $\mu\text{s}/\text{cm}$	---	184
3	TDS, ppm	Max 1500	120
4	Alkalinity	80 - 120	82
5	Calcium Hardness	200 - 500	210
6	Residual Chlorine	1.0 - 3.0	1.27
7	Cyanuric Acid	20 - 60	23
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

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

Reported By


Murugaraj
Service Engineer

