



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-2009-18867



Request No. : WA-Q-L-2009-02855

Sample No. : WA-S-L-2009-18138

Sampling Date	: 03/09/2020	Report Date.	: 07/09/2020
Analysis Start Date.	: 03/09/2020	Analysis End Date.	: 06/09/2020
Sample Location.	: Al Rayyana	Sampled By	: Client
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: Kids Pool
Sampling Point	: Not Given	Preservation	: Not Given
Sample Description	: Pool 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	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	1000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/100ml
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

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

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18866



Request No. : WA-Q-L-2009-02855

Sample No. : WA-S-L-2009-18137

Sampling Date	: 03/09/2020	Report Date.	: 07/09/2020
Analysis Start Date.	: 03/09/2020	Analysis End Date.	: 06/09/2020
Sample Location.	: Al Rayyana	Sampled By	: Client
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: Main Pool
Sampling Point	: Not Given	Preservation	: Not Given
Sample Description	: Pool 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	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	1000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/100ml
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

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	Visit Date:	03-09-2020
Sampled By	Crystalline Rep	Last visit:	04-08-2020
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	7.49
2	Conductivity at 25°C, µs/cm	---	345
3	TDS, ppm	Max 1500	224
4	Alkalinity	80 - 120	89
5	Calcium Hardness	200 - 500	232
6	Residual Chlorine	1.0 - 3.0	1.84
7	Cyanuric Acid	20 - 60	37
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,

Murugaran
Service Engineer



SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
Site Name:	AL RAYYANA	Visit Date:	03-09-2020
Sampled By	Crystalline Rep	Last visit:	04-08-2020
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, µs/cm	---	314
3	TDS, ppm	Max 1500	204
4	Alkalinity	80 - 120	93
5	Calcium Hardness	200 - 500	226
6	Residual Chlorine	1.0 - 3.0	1.67
7	Cyanuric Acid	20 - 60	34
8	Dip slide	<10 ³	ND

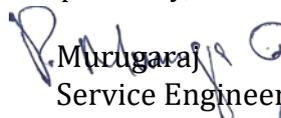
*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

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

Reported By,

Murugara
Service Engineer




The seal is circular with Arabic text: 'المعهد الفيدرالي للتجارة مبدئي' and 'القطر التجاري'. It also contains: 'ص.ب. 131463', 'أبوظبي - 1', 'P.O.Box: 131463', 'Abu Dhabi', 'U.A.E.', and 'Crystalline Environmental Protection Equip. Trade'.