

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-2962
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-2962
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12/10/2024
		Sample Certificate No	0246
Sample Description	Water	Sampling Date / Time	09/10/2024/ 3.30 pm
Sampling Point	Swimming Pool	Sample Received Date / Time/ Temp °C	09/10/2024/ 4.45 pm/4°C
Sample Location	Rihan Heights Abu Dhabi	Date(s) Tested	09-11/10/2024
Source of Sample	Pool	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1 × 500ml PB	Sample Onsite Temperature °C	29.3°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	1000	<1*
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	Zero	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	Zero	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	Zero	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	Zero	Zero
Remarks	The sample meets ADM specifications for swimming pools issued by the Head of Urban Planning and Municipalities No. (3) 2012 with respect to the above tests only. *Estimated CFU/ml			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, ADM: Abu Dubai Municipality, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-2963
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-2963
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	19/10/2024
		Sample Certificate No	0246
Sample Description	Water	Sampling Date / Time	09/10/2024 / 3.30 pm
Sampling Point	Swimming Pool	Sample Received Date / Time/ Temp °C	09/10/2024 / 4.45 pm/ 24°C
Sample Location	Rihan Heights Abu Dhabi	Date(s) Tested	09-19/10/2024
Source of Sample	Pool	Sampling Method	ACE- MB-SOP-12
Onsite Treatment/Preservation of Sample	24°C	Sample Collected By	ACE Rep
Sample Container	1× 1 L PB	Sample Onsite Temperature °C	29.3°C
Client Reference	Not Applicable	Sample Appearance	Clear

LEGIONELLA ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix A; Procedure 5)	CFU/Litre	<1	<1
IDENTIFICATION				
Legionella Species	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 1	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 2 - 15	ISO 11731:2017 E	-	-	Absent
Remarks	The sample meets ADM specifications for swimming pools issued by the Head of Urban Planning and Municipalities No. (3) 2012 with respect to the above tests only			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, ISO: International Organisation for Standardization, ADM: Abu Dubai Municipality, NP: Not provided, Culture Media Used: BCYE Agar			
Test Performed By (Emp ID)	02			
Report Prepared By (Emp ID)	08			
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Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-2964
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-2964
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	11.10.2024
		Sample Certificate No	0246
Sample Description	Swimming Pool Water	Sampling Date / Time	09.10.2024/3.30 pm
Sampling Point	Swimming Pool	Sample Received Date / Time/ Temp °C	09.10.2024/ 4.45 pm/ 4 °C
Sample Location	Rihan Heights	Date(s) Tested	10.10.2024
Source of Sample	Pool	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×1 L PB	Sample Onsite Temperature °C	29.3°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 7.2-Max 7.6	7.39
Total Dissolved Solids dried at 180°C	APHA 2540 C, (24 th Edition)2023	mg/L	-	682
Total Alkalinity as CaCO ₃	APHA 2320 B, (24 th Edition)2023	mg/L	Min 70-Max 100	84.6
Calcium Hardness as CaCO ₃	APHA 3500 Ca B, (24 th Edition)2023	mg/L	Max 100-Max 500	122.2
Free Chlorine	HACH Method 8021,01/2014 (Edition 9)	mg/L	Min 1-Max 2	1.34
Bromine*	HACH Method 8021,01/2014 (Edition 9)	mg/L	Min 2-Max 4	2.23

Sample No: ACE-24-S-2964

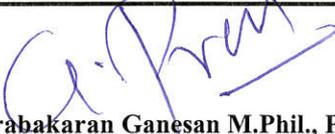
Date Received : 09.10.2024

Report No : ACE-24-R-2964

Date Reported : 11.10.2024

Cyanuric Acid*	HACH Method 8021,01/2014 (Edition 9)	mg/L	Min 20-Max 60	30
Langlier Saturation Index*	By Calculation	-	Min -0.5-Max 0.5	-0.40
Remarks	The sample meets the ADM Specifications-Guide to the Executive Regulations of Law No. (2) for the year 2012 (Swimming pools) Issued by the Head of Urban Planning and Municipalities No. (3) for the year 2018 with respect to the above tests only. *Non-accredited parameters.			
Test Method Variation	None			
Keywords	pH: Potential Hydrogen, ADM: Abu Dhabi Municipality, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided			
Test Performed By (Emp ID)	04			
Report Prepared By (Emp ID)	04			
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Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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