



**TEST REPORT**

Sample Number : SN-001/21-6355  
Report Number : AISL-RP-21-11258  
Report Date : 20/07/2021

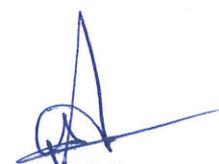
Customer	Name	: Crystalline Cleaning & Environmental Services
	Address and Location	: Abu Dhabi, UAE
Project No	: Not specified	
Project Name	: Not specified	
Project Location	: Rihan Heights	
Client	: Serco Middle East	
Sample Description	: Main Swimming Pool	
Sampling Method	: APHA 9060 A	Sampled By : AISL Rep
Sample Delivered By	: AISL Rep	Client Ref.No : Not specified
Date of Analysis	: 14/07/2021 ~ 17/07/2021	Test Conducted By : CPK
Brand	: Not specified	Sampling Date/Time : 14/07/2021 - 09:30 AM
Origin	: Main Swimming Pool	Receiving Date/Time : 14/07/2021 - 04:30 PM
Net wt./volume per unit	: 500 ml	Production Date : Not specified
No. of Unit	: 01	Expiry Date : Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °C : 34.0
Physical Observations	: Satisfactory	

**TEST RESULTS**

**MICROBIOLOGICAL ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
E. coli	APHA AWWA 23rd Ed.2017, 9222B&H	CFU/100ml	Absent	Absent
Fecal Coliforms	APHA AWWA 23rd Ed. 2017, 9222D	CFU/100ml	Absent	Absent
Heterotrophic Plate Count	APHA AWWA 23rd Ed. 2017, 9215B	CFU/ml	8	1000
Pseudomonas aeruginosa	APHA AWWA 23rd Ed. 2017, 9213 E	CFU/100ml	Absent	Absent
Total Coliforms	APHA AWWA 23rd Ed. 2017, 9222B	CFU/100ml	Absent	Absent

Remarks : None  
Test Method Deviation : None  
Reference Specification : DM-PH&SD-P7-TG01,2010.

Approved by   
Section Head - Microbiology



For Microbiology Parameter Results "<" symbol is considered as "Not Detected"

(-) Denotes no limit available

If sampled by client, details of sampling which may affect the accuracy of the test result were not provided.

This report relates only to the sample tested and shall only be reproduced in full and with the written approval of Aman integrated solutions LLC.

AISL/MB/RP-06, Issue No/04.07.2021, Rev No:00

-End Of Report-



**TEST REPORT**

Sample Number : SN-001/21-6355  
Report Number : AISL-RP-21-11259  
Report Date : 24/07/2021

Customer	Name : Crystalline Cleaning & Environmental Services		
	Address and Location : Abu Dhabi, UAE		
Project No	: Not specified		
Project Name	: Not specified		
Project Location	: Rihan Heights		
Client	: Serco Middle East		
Sample Description	: Main Swimming Pool		
Sampling Method	: BS 7592	Sampled By	: AISL Rep
Sample Delivered by	: AISL Rep	Client Ref.No	: Not specified
Date of Analysis	: 14/07/2021 ~ 24/07/2021	Test Conducted by	: CPK
Brand	: Not specified	Sampling Date/Time	: 14/07/2021 - 09:30 AM
Origin	: Main Swimming Pool	Receiving Date/Time	: 14/07/2021 - 04:30 PM
Net wt./volume per unit	: 1000 ml	Production Date	: Not specified
No. of Unit	: 01	Expiry Date	: Not specified
Packaging Type	: Sterile Bottle	Condition of Sample °c	: 34.0
Physical Observations	: Satisfactory		

**TEST RESULTS**

**LEGIONELLA ANALYSIS**

PARAMETERS	TEST METHODS	UNITS	RESULTS	SPECIFICATIONS
Legionella				
Legionella Spp	ISO 11731 - 2017	CFU/l	Absent	-
Legionella pneumophila Sero group-1			Absent	
Legionella pneumophila Sero group-2-15			Absent	

Remarks : None, Matrix A, Procedures 5 & 7: Medium C, GVPC.

Test Method Deviation : None

Reference Specification : None

Approved by Arun Bahulayan  
Section Head – Microbiology



For Microbiology Parameter Results "<" symbol is considered as "Not Detected"

(-) Denotes no limit available

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-End Of Report-

## CONSULTING SERVICE REPORT

Client: Serco Middle East

Project: Rihan heights, Abu Dhabi

Sampling Location: Rihan heights, Abu Dhabi

Date: 14- 07- 2021

Sampling Point: Main Swimming Pool

Sampled By: Crystalline Representative

### SWIMMING POOL WATER ANALYSIS

PARAMETER	CONTROL LIMITS	MAIN POOL	STATUS
pH	7.2 - 7.6	7.49	SATISFACTORY
TDS, ppm	Max 1000	360	SATISFACTORY
'P' Alkalinity, ppm as CaCO <sub>3</sub>	70 - 100	84	SATISFACTORY
Calcium Hardness, ppm as CaCO <sub>3</sub>	100 - 500	134	SATISFACTORY
<b>Treatment Residuals</b>			
Dipslide	<10 <sup>3</sup>	ND	SATISFACTORY
Free Chlorine as Cl, mg/l	1.0 - 2.0	1.64	SATISFACTORY
Bromine, mg/l	2.0 - 4.0	--	N/A
Cyanuric Acid	20 - 60	28	SATISFACTORY

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

#### RECOMMENDATION:

- All Parameters are within control limit.

#### SUMMARY:

The water analysis indicates a stable system.

"Certified that the Water Analysis Results has been tested \* in accordance with the Standard Method, APHA-AWWA-WPCF,"

Reported By:

  
Murugaraaj  
Service Engineer



END OF REPORT