

Report No.: RP-21-1019  
Date: 22/04/2021

Sample No.: SA-21-1019  
Request No.: RQ-21-1019

LEGIONELLA TEST REPORT

Client Name / Contractor	Crystalline Cleaning and Environmental Services		
Client Address	Abu Dhabi, UAE		
Project Name	Saj Al Nakheel		
Project Address	Abu Dhabi, UAE		
Job Order No.	JO-21-012		
Sample Description	Water Sample		
Sampling Date	06/04/2021; 12:00 PM	Sampled by	Client Representative
Receiving Date	12/04/2021; 11:00 AM	Received by	AML Representative
Location / Ref. No.	Saj Al Nakheel	Delivered by	Client Representative
Source of Sample	Swimming Pool Water	Sample Type	Liquid
Sampling Method	NA	Sampling Point	Main Pool
Sample Size	1 x 1L	Sample Container	Plastic
On Site Observations / Tests	On Site Temp. NA	Received Temp. 24°C	Appearance
On Site Preservation / Treatment	NA		

RESULTS OF ANALYSIS

DATE OF ANALYSIS

12/04/2021 - 22/04/2021

PARAMETER	TEST METHOD	UNIT	RSB LIMITS	RESULT
Legionella	ISO 11731:2017 E	CFU/L	Zero	<1
<b>IDENTIFICATION</b>				
Legionella Species	ISO 11731:2017 E	-	-	ND

Key word: CFU-Colony forming units, RSB - Regulations and Supervision Bureau

**ND - Not Detected; <1 is considered as not detected**

The above test results are only applicable to the sample referred above.

Test Method Variation : None

Reference : APHA AWWA - 23RD edition standard methods for the examination of water and waste water

Remarks : None

Tested by : SPS

*SPS 22/4/2021*

For Almubtakar Laboratory  
Senior Microbiological Analyst



END OF REPORT

Report No.: RP-21-1020  
Date: 22/04/2021

Sample No.: SA-21-1020  
Request No.: RQ-21-1020

**LEGIONELLA TEST REPORT**

Client Name / Contractor	Crystalline Cleaning and Environmental Services		
Client Address	Abu Dhabi, UAE		
Project Name	Saj Al Nakheel		
Project Address	Abu Dhabi, UAE		
Job Order No.	JO-21-012		
Sample Description	Water Sample		
Sampling Date	06/04/2021; 12:00 PM	Sampled by	Client Representative
Receiving Date	12/04/2021; 11:00 AM	Received by	AML Representative
Location / Ref. No.	Saj Al Nakheel	Delivered by	Client Representative
Source of Sample	Swimming Pool Water	Sample Type	Liquid
Sampling Method	NA	Sampling Point	Kids Pool
Sample Size	1 x 1L	Sample Container	Plastic
On Site Observations / Tests	On Site Temp. NA	Received Temp. 24°C	Appearance
On Site Preservation / Treatment	NA		

**RESULTS OF ANALYSIS**

**DATE OF ANALYSIS** 12/04/2021 - 22/04/2021

PARAMETER	TEST METHOD	UNIT	RSB LIMITS	RESULT
Legionella	ISO 11731:2017 E	CFU/L	Zero	<1
<b>IDENTIFICATION</b>				
Legionella Species	ISO 11731:2017 E	-	-	ND

Key word: CFU-Colony forming units, RSB - Regulations and Supervision Bureau

**ND - Not Detected; <1 is considered as not detected**

The above test results are only applicable to the sample referred above.

Test Method Variation : None

Reference : APHA AWWA - 23RD edition standard methods for the examination of water and waste water

Remarks : None

Tested by : SPS

*S. SPS*  
22/4/2021  
For Almubtakar Laboratory  
Senior Microbiological Analyst



**END OF REPORT**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## CONSULTING TEST REPORT

<b>Client Name:</b> TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
<b>Site Name:</b>	SAS AL NAKHEEL VILLAGE		
<b>Sampled By:</b>	Crystalline Rep.	<b>Visit Date:</b>	06-04-2021
<b>Source of Sample</b>	Swimming Pool	<b>Sample Point</b>	Main Swimming Pool

### TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.57
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	308
3	TDS, ppm	Max 1500	204
4	Alkalinity	80 - 120	84
5	Calcium Hardness	200 - 500	212
6	Residual Chlorine	1.0 - 3.0	1.14
7	Cyanuric Acid	20 - 60	22
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

<b>Client Name:</b> TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
<b>Site Name:</b>	SAS AL NAKHEEL VILLAGE		
<b>Sampled By:</b>	Crystalline Rep.	<b>Visit Date:</b>	06-04-2021
<b>Source of Sample</b>	Swimming Pool	<b>Sample Point</b>	Kids Swimming Pool

TEST RESULT			
No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.55
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	244
3	TDS, ppm	Max 1500	158
4	Alkalinity	80 - 120	83
5	Calcium Hardness	200 - 500	209
6	Residual Chlorine	1.0 - 3.0	1.11
7	Cyanuric Acid	20 - 60	22
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

