



**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-2007-13589



Request No. : WA-Q-L-2007-02043

Sample No. : WA-S-L-2007-13124

Sampling Date : 06/07/2020

Report Date. : 11/07/2020

Analysis Start Date. : 06/07/2020

Analysis End Date. : 09/07/2020

Sample Location. : Rihan Heights Zayed Sports

Sampled By : Shoukth

Sample Identification : Not Given

Sample Certificate No : 1238

Sampling Method : APHA 9060 A &B

Temperature °C : 330.4

Site Observation : Clear

Sampling Container : Sterile Plastic Bottle

Source of Sample : Main Pool

Sampling Point : PD Floor

Preservation : 4-8°C

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= $\leq$ 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
SM	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Camden Chorleywood Food Research Association.





مختبرات ويمبي ذم م  
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**Microbiology Test Report**

Report No. : WA-R-L-2007-13589

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



Test results relate only to the samples tested.

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### Legionella 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-2007-13592



Request No.	: WA-Q-L-2007-02043	Sample No.	: WA-S-L-2007-13127
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Zayed Sports	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1238
Sampling Method	: BS 7592	Temperature °C	: 330.4
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: Main Pool	Sampling Point	: PD Floor
Preservation	: 10°C	Sample Description	: Pool Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	<1CFU/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

**Remarks :The tested result of the sample is found to be satisfactory within the specified limit.**

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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## SWIMMING POOL - WATER ANALYSIS REPORT

<b>Client Name: SERCO, MIDDLE EAST, ABUDHABI</b>			
<b>Site Name:</b>	RIHAN HEIGHTS	<b>Visit Date:</b>	06-07-2020
<b>Source of Sample</b>	Swimming Pool	<b>Sample Point</b>	Main Swimming Pool

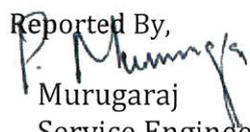
### TEST RESULT

No	Parameter	Control limits	Test Results
1	pH at 25°C	7.2 - 7.6	7.48
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	---	586
3	TDS, ppm	Max 1500	380
4	Alkalinity	80 - 120	87
5	Calcium Hardness	200 - 500	220
6	Residual Chlorine	1.0 - 3.0	1.13
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

- Parameters are within control limit – No action Recommended.

Reported By,  
  
Murugaraj  
Service Engineer

