



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-2007-13962



Request No. : WA-Q-L-2007-02072

Sample No. : WA-S-L-2007-13488

Sampling Date	: 09/07/2020	Report Date.	: 20/07/2020
Analysis Start Date.	: 09/07/2020	Analysis End Date.	: 19/07/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1092	Sampling Method	: BS 7592
Temperature °C	: 29.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Swimming Pool FSP
Sampling Point	: Main Pool	Preservation	: 10°C
Sample Description	: Swimming Pool	Client Reference	: N/A

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

Note : Not Detected=<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 limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

Test results relate only to the samples tested.This report shall not be reproduced except in full, without the written approval of the Laboratory. This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



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-2007-13947



Request No. : WA-Q-L-2007-02072

Sample No. : WA-S-L-2007-13473

Sampling Date	: 09/07/2020	Report Date.	: 13/07/2020
Analysis Start Date.	: 09/07/2020	Analysis End Date.	: 12/07/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1092	Sampling Method	: APHA 9060 A & B
Temperature °C	: 29.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Swimming Pool FSP
Sampling Point	: Main Pool	Preservation	: 4-8°C
Sample Description	: Swimming Pool	Client Reference	: N/A

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
HS	SM	None

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



Microbiology Test Report

Report No. : WA-R-L-2007-13947

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

Test results relate only to the samples tested. This report shall not be reproduced except in full, without the written approval of the Laboratory. This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -

SWIMMING POOL - WATER ANALYSIS REPORT

Client Name: SERCO MIDDLE EAST			
Site Name:	ZAYED UNIVERSITY	Visit Date:	09-07-2020
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	7.41
2	Conductivity at 25°C, µs/cm	---	546
3	TDS, ppm	Max 1500	355
4	Alkalinity	80 - 120	91
5	Calcium Hardness	200 - 500	227
6	Residual Chlorine	1.0 - 3.0	1.32
7	Cyanuric Acid	20 - 60	31
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,

Murugan
Service Engineer

