



Microbiology Test Report

Customer Details

Report No. WA-R-L-2006-0096

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES P.O.Box: 131463  
Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax:  
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Request No.	: WA-Q-L-2006-1592	Sample No.	: WA-S-L-2006-9853
Sampling Date/time	: 1/6/2020 , 16:10	Report Date.	: 4/6/2020
Analysis Start Date.	: 1/6/2020	Analysis End Date.	: 3/6/2020
Sample Location.	: Al Noor Tower	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: Not Applicable	Site Observation	: Not Applicable
Sampling Container	: Plastic Bottle	Source of Sample	: Main Pool
Sampling Point	: Not Applicable	Preservation	: Not Applicable
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-Campden Chorleywood  
Food Research Association.





مختبرات ويمبي ذ.م.م  
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Report No. : WA-R-L-2006-0096

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

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## SWIMMING POOL - WATER ANALYSIS REPORT

<b>Client Name:</b> TAFAWUQ FACILITY MANAGEMENT, ABU DHABI			
<b>Site Name:</b>	AL NOOR TOWER	<b>Visit Date:</b>	01-06-2020
<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	7.33
2	Conductivity at 25°C, µs/cm	---	184
3	TDS, ppm	Max 1500	119
4	Alkalinity	80 - 120	87
5	Calcium Hardness	200 - 500	132
6	Residual Chlorine	1.0 - 3.0	1.12
7	Cyanuric Acid	20 - 60	24
8	Dip slide	<10 <sup>3</sup>	ND

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

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> <li>All Parameters are within control limit - No action Recommended.</li> </ul>

Reported By,  
  
**Murugaraj**  
 Service Engineer



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2006-0434

**CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES**

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Request No.	: WA-Q-L-2006-1646	Sample No.	: WA-S-L-2006-0177
Sampling Date/time	: 1/6/2020 , 10:00	Report Date.	: 17/6/2020
Analysis Start Date.	: 7/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: Al Noor Tower	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: Not Given	Site Observation	: Not Applicable
Sampling Container	: Plastic Bottle	Source of Sample	: Main Pool
Sampling Point	: Not Applicable	Preservation	: Not Applicable
Sample Description	: Pool Water		

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
JY	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

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

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