



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-2101-33304



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32840

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3656	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Irrigation Water Tank P3 Pump Room
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 3

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	23CFU/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	300	-
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	-
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	80	-

Note : Not Detected=<10CFU/100ml

Limit based on RSB Abu Dhabi Recycled water and biosolids regulation, 2018. Table A2 for Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the available specified limits.

Analyst	Reviewed By	Method Variation
SN	SM	None

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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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-2101-33342



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32878

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3656	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Irrigation Water Tank P3 Pump Room
Sampling Point	: Tank	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 3

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/ml	Not Detected	100CFU OR MPN/ml

Note : Limit of Detection=<10CFU/ml

Procedure: WSOP-MB-0051. Heat treatment and Acid treatment Dilution followed by Plating on GVCP/MWY Agar

Limit based on RSB Abu Dhabi Recycled water and biosolids regulation, 2018. Table A2 for Microbiological

Parameters.

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

Analyst	Reviewed By	Method Variation
SN	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

Head of Microbiology Department



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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-2101-33338



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32874

Sampling Date	: 23/01/2021	Report Date.	: 27/01/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 26/01/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Irrigation Water 2 Tower B LD
Sampling Point	: Outside Line	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 37

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	23CFU/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	290	-
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	-
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	70	-

Note : Not Detected= \leq 10CFU/100ml

Limit based on RSB Abu Dhabi Recycled water and biosolids regulation, 2018. Table A2 for Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the available specified limits.

Analyst	Reviewed By	Method Variation
SN	SM	None

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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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-2101-33376



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32912

Sampling Date	: 23/01/2021	Report Date.	: 02/02/2021
Analysis Start Date.	: 23/01/2021	Analysis End Date.	: 02/02/2021
Sample Location.	: Rihan Heights	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: water
Sample Certificate No	: 3658	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Irrigation Water 2 Tower B LD
Sampling Point	: Outside Line	Preservation	: 4-8°C
Sample Description	: Water	sampler ref. no.	: 37

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/ml	Not Detected	100CFU OR MPN/ml

Note : Limit of Detection=<10CFU/ml

Procedure: WSOP-MB-0051. Heat treatment and Acid treatment Dilution followed by Plating on GVCP/MWY Agar

Limit based on RSB Abu Dhabi Recycled water and biosolids regulation, 2018. Table A2 for Microbiological

Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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Dr. Suresh Murugan Ph.D

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