



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-2009-19480



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18708

Sampling Date	: 10/09/2020	Report Date.	: 14/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 13/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: APHA 9060 A & B
Temperature °C	: 36	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Raw Water (P1 South Side) Tenant
Sampling Point	: Pump Room #02 R 6798	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
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	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= \leq 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the 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-2009-19484



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18712

Sampling Date	: 10/09/2020	Report Date.	: 21/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 20/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: BS 7592
Temperature °C	: 36	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Raw Water (P1 South Side) Tenant
Sampling Point	: Pump Room #02 R 6798	Preservation	: 10°C
Sample Description	: Water		

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

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F 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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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-2009-19485



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18713

Sampling Date	: 10/09/2020	Report Date.	: 21/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 20/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1971	Sampling Method	: BS 7592
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filtered Water (P1 South Side) Tenant
Sampling Point	: Pump Room #02 R 6798	Preservation	: 10°C
Sample Description	: Water		

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

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F 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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Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2009-19478



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18706

Sampling Date	: 10/09/2020	Report Date.	: 14/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 13/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: APHA 9060 A & B
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Raw Water (P1 North Side) Land Lord
Sampling Point	: Pump Room #01 R 04797	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
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	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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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-2009-19482



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18710

Sampling Date	: 10/09/2020	Report Date.	: 21/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 20/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: BS 7592
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Raw Water (P1 North Side) Land Lord
Sampling Point	: Pump Room #01 R 04797	Preservation	: 10°C
Sample Description	: Water		

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

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F 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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Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2009-19479



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18707

Sampling Date	: 10/09/2020	Report Date.	: 14/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 13/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: APHA 9060 A & B
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filtered Water (P1 North Side) Land Lord
Sampling Point	: Pump Room #01 R 04797	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
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	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= \leq 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the 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;

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Legionella Test Report

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Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2009-19483



Request No. : WA-Q-L-2009-02920

Sample No. : WA-S-L-2009-18711

Sampling Date	: 10/09/2020	Report Date.	: 21/09/2020
Analysis Start Date.	: 10/09/2020	Analysis End Date.	: 20/09/2020
Sample Location.	: Galleria Mall	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 1790	Sampling Method	: BS 7592
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filtered Water (P1 North Side) Land Lord
Sampling Point	: Pump Room #01 R 04797	Preservation	: 10°C
Sample Description	: Water		

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

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F 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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