



Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8780



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8583
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 12/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 5 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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

Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8785



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8588
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 20/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: BS 7592
Temperature °C	: 25.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 5 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8784



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8587
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 12/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 9 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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 Environmental Services

Report No. WA-R-L-2005-8789



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8592
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 20/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: BS 7592
Temperature °C	: 25.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 9 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	SM	None

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

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Microbiology Test Report

Report No. WA-R-L-2005-8781

Customer Details

Crystalline Environmental Services



Request No. : WA-Q-L-2005-1395	Sample No. : WA-S-L-2005-8584
Sampling Date/time : 10/5/2020 , 11:04	Report Date. : 12/5/2020
Analysis Start Date. : 10/5/2020	Analysis End Date. : 12/5/2020
Sample Location. : ADGM Square, Al Maryah Island, Tower 1	Sampled By : Shoukth
Sample Identification : Not Applicable	Sample Submitted as : Water
Sample Certificate No : 0803	Sampling Method : APHA 9060 A&B
Temperature °C : 24.8°C	Site Observation : Clear
Sampling Container : Sterile Plastic Bottle	Source of Sample : Level 15 Pantry Tap Water
Sampling Point : Not Applicable	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
JY	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

Report No. WA-R-L-2005-8786

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8589
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 20/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: BS 7592
Temperature °C	: 24.8°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 15 Pantry Tap Water
Sampling Point	: Not Applicable	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
JY	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8782



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8585
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 12/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 19 Pantry Tap Water
Sampling Point	: Not Applicable	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
JY	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

Report No. WA-R-L-2005-8787

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8590
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 20/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: BS 7592
Temperature °C	: 24.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 19 Pantry Tap Water
Sampling Point	: Not Applicable	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
JY	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8783



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8586
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 12/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 27 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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 Environmental Services

Report No. WA-R-L-2005-8788



Request No.	: WA-Q-L-2005-1395	Sample No.	: WA-S-L-2005-8591
Sampling Date/time	: 10/5/2020 , 11:04	Report Date.	: 20/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 1	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0803	Sampling Method	: BS 7592
Temperature °C	: 25.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 27 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	SM	None

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8877

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8680
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 16/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 14/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 5	Preservation	: 4-8°C
Sample Description	: Potable 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
SM	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 Environmental Services

Report No. WA-R-L-2005-8882



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8685
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: BS 7592
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 5	Preservation	: 10°C
Sample Description	: Potable 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
SM	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8878



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8681
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 16/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 14/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: APHA 9060 A&B
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 12	Preservation	: 4-8°C
Sample Description	: Potable 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
SM	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 Environmental Services

Report No. WA-R-L-2005-8883



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8686
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: BS 7592
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 12	Preservation	: 10°C
Sample Description	: Potable 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
SM	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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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8879



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8682
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 16/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 14/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: APHA 9060 A&B
Temperature °C	: 32.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 17	Preservation	: 4-8°C
Sample Description	: Potable 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
SM	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

Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8884



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8687
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: BS 7592
Temperature °C	: 32.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 17	Preservation	: 10°C
Sample Description	: Potable 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
SM	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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8880

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8683
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 16/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 14/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 24	Preservation	: 4-8°C
Sample Description	: Potable 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= \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
SM	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

Senior Microbiologist



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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-8885

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8688
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: BS 7592
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 24	Preservation	: 10°C
Sample Description	: Potable 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
SM	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
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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8881



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8684
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 16/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 14/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: APHA 9060 A&B
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 28	Preservation	: 4-8°C
Sample Description	: Potable 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
SM	SM	None

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

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Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8886



Request No.	: WA-Q-L-2005-1408	Sample No.	: WA-S-L-2005-8689
Sampling Date/time	: 11/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 2	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0856	Sampling Method	: BS 7592
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 2
Sampling Point	: Wash Room Tap Level 28	Preservation	: 10°C
Sample Description	: Potable 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
SM	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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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8790

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8593
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 13/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 7 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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
Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8795



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8598
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 21/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 7 Washroom Tap Water
Sampling Point	: Not Applicable	Preservation	: 4-8°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
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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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8791

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8594
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 13/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 13 Pantry Tap Water
Sampling Point	: Not Applicable	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
JY	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
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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-8796

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8599
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 21/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 13 Pantry Tap Water
Sampling Point	: Not Applicable	Preservation	: 4-8°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.

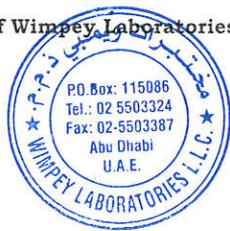
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
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



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8792

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8595
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 13/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 17 Pantry Tap Water
Sampling Point	: Not Applicable	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
JY	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



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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8797



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8600
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 21/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 17 Pantry Tap Water
Sampling Point	: Not Applicable	Preservation	: 4-8°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
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



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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8793

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8596
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 13/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 25 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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
Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8798



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8601
Sampling Date/time	: 10/5/2020 , 00:50	Report Date.	: 21/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 25 Washroom Tap Water
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

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

Note : Limit of Detection= \leq 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
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



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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8794

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8597
Sampling Date/time	: 10/5/2020 , 00:50	Report Date.	: 13/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 12/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 34 Washroom Tap Water
Sampling Point	: Not Applicable	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
JY	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 Environmental Services

Report No. WA-R-L-2005-8799



Request No.	: WA-Q-L-2005-1396	Sample No.	: WA-S-L-2005-8602
Sampling Date/time	: 10/5/2020 , 12:50	Report Date.	: 21/5/2020
Analysis Start Date.	: 10/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: ADGM Square, Al Maryah Island, Tower 3	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0804	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Level 34 Washroom Tap Water
Sampling Point	: Not Applicable	Preservation	: 4-8°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
JY	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8887



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8690
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 14/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 13/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: APHA 9060 A&B
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 6	Preservation	: 4-8°C
Sample Description	: Potable 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
HS	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

Report No. WA-R-L-2005-8894

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8697
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: BS 7592
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 6	Preservation	: 10°C
Sample Description	: Potable 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
HS	SM	None

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8888

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8691
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 14/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 13/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: APHA 9060 A&B
Temperature °C	: 32°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 13	Preservation	: 4-8°C
Sample Description	: Potable 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
HS	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

Report No. WA-R-L-2005-8895

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8698
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: BS 7592
Temperature °C	: 32°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 13	Preservation	: 10°C
Sample Description	: Potable 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
HS	SM	None

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-8889

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8692
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 14/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 13/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 18	Preservation	: 4-8°C
Sample Description	: Potable 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
HS	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

Senior Microbiologist

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Legionella Test Report

Report No. WA-R-L-2005-8896

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8699
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: BS 7592
Temperature °C	: 31°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 18	Preservation	: 10°C
Sample Description	: Potable Water		

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

Note : Limit of Detection= \leq 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
HS	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8890



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8693
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 14/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 13/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: APHA 9060 A&B
Temperature °C	: 30.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 24	Preservation	: 4-8°C
Sample Description	: Potable 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
HS	SM	None

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

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Senior Microbiologist

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Legionella Test Report

Report No. WA-R-L-2005-8897

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8700
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: BS 7592
Temperature °C	: 30.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 24	Preservation	: 10°C
Sample Description	: Potable 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
HS	SM	None

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-8891



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8694
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 14/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 13/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: APHA 9060 A&B
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 33	Preservation	: 4-8°C
Sample Description	: Potable 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= \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
HS	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

Report No. WA-R-L-2005-8898

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1409	Sample No.	: WA-S-L-2005-8701
Sampling Date/time	: 11/5/2020 , 13:30	Report Date.	: 21/5/2020
Analysis Start Date.	: 11/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: ADGM Square Al Maryah Island Tower 4	Sampled By	: Amin ullah
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0857	Sampling Method	: BS 7592
Temperature °C	: 33°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tower 4
Sampling Point	: Wash Room Tap Level 33	Preservation	: 10°C
Sample Description	: Potable 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
HS	SM	None

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

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