



Microbiology Test Report

Customer Details

Report No. WA-R-L-2007-13567

Crystalline Cleaning & Environmental Services

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



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13102
Sampling Date	: 06/07/2020	Report Date.	: 11/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 09/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: APHA 9060 A &B	Temperature °C	: 28.2
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 5th Floor Waste Room	Sampling Point	: Tap Water
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
SM	SM	None

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





Microbiology Test Report

Report No. : WA-R-L-2007-13567

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist



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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-2007-13566



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13101
Sampling Date	: 06/07/2020	Report Date.	: 11/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 09/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: APHA 9060 A & B	Temperature °C	: 27.7
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 4th Floor Waste Room	Sampling Point	: Tap Water
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=<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-Camden Chorleywood Food Research Association.





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Report No. : WA-R-L-2007-13566

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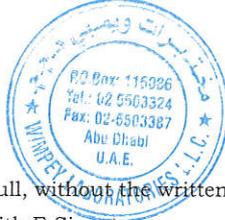
Dr. Suresh Murugan Ph.D

Senior Microbiologist

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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-2007-13565



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13100
Sampling Date	: 06/07/2020	Report Date.	: 11/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 09/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: APHA 9060 A & B	Temperature °C	: 29.1
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 3rd Floor Waste Room	Sampling Point	: Tap Water
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= \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-Camden Chorleywood Food Research Association.





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Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2007-13565

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Dr. Suresh Murugan Ph.D

Senior Microbiologist

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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-2007-13564



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13099
Sampling Date	: 06/07/2020	Report Date.	: 11/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 09/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: APHA 9060 A & B	Temperature °C	: 28.8
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 2nd Floor Waste Room	Sampling Point	: Tap Water
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= \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-Camden Chorleywood Food Research Association.





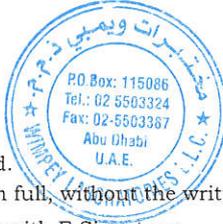
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Report No. : WA-R-L-2007-13564

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist



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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-2007-13563



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13098
Sampling Date	: 06/07/2020	Report Date.	: 11/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 09/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: APHA 9060 A & B	Temperature °C	: 27.3
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 1st Floor Waste Room	Sampling Point	: Tap Water
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= \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-Camden Chorleywood Food Research Association.





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Microbiology Test Report

Report No. : WA-R-L-2007-13563

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-2007-13574

Crystalline Cleaning & Environmental Services

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



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13109
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: BS 7592	Temperature °C	: 28.2
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 5th Floor Waste Room	Sampling Point	: Tap Water
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 limit.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

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 Cleaning & Environmental Services

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

Report No. WA-R-L-2007-13573



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13108
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: BS 7592	Temperature °C	: 27.7
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 4th Floor Waste Room	Sampling Point	: Tap Water
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 limit.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

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-2007-13572

Crystalline Cleaning & Environmental Services

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



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13107
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: BS 7592	Temperature °C	: 29.1
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 3rd Floor Waste Room	Sampling Point	: Tap Water
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 limit.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

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-2007-13571

Crystalline Cleaning & Environmental Services

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



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13106
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: BS 7592	Temperature °C	: 28.8
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 2nd Floor Waste Room	Sampling Point	: Tap Water
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 limit.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

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-2007-13570

Crystalline Cleaning & Environmental Services

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



Request No.	: WA-Q-L-2007-02041	Sample No.	: WA-S-L-2007-13105
Sampling Date	: 06/07/2020	Report Date.	: 16/07/2020
Analysis Start Date.	: 06/07/2020	Analysis End Date.	: 16/07/2020
Sample Location.	: Rihan Heights Tower D - Zayed Sports City Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Given	Sample Certificate No	: 1241
Sampling Method	: BS 7592	Temperature °C	: 27.3
Site Observation	: Clear	Sampling Container	: Sterile Plastic Bottle
Source of Sample	: 1st Floor Waste Room	Sampling Point	: Tap Water
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 limit.

Analyst	Reviewed By	Method Variation
SM	SM	None

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist

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