



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2004-7036

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6880
Sampling Date/time	: 12/4/2020 , 14:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1, Male Wash Room
Sampling Point	: Wash Basin Tap Water P1	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	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/250 ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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.

**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-2004-7090

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1137	Sample No.	: WA-S-L-2004-6931
Sampling Date/time	: 12/4/2020 , 14:00	Report Date.	: 22/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 22/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: BS 7592
Temperature °C	: 28.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1, Male Wash Room
Sampling Point	: Wash Basin Tap Water, P1	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
HS	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-2004-7032

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6875
Sampling Date/time	: 12/4/2020 , 14:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P3, Water Tank - 1
Sampling Point	: P3, Pump Room	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	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/250 ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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.

**Signed for and on behalf of Wimpey Laboratories**

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Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2004-7088



Request No.	: WA-Q-L-2004-1137	Sample No.	: WA-S-L-2004-6929
Sampling Date/time	: 12/4/2020 , 14:00	Report Date.	: 22/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 22/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: BS 7592
Temperature °C	: 31	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Warter Tank - 1
Sampling Point	: P3, Pump Room	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
HS	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-2004-7034

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6878
Sampling Date/time	: 12/4/2020 , 14:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East, (Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P3, Water Tank - 2
Sampling Point	: P3, Pump Room	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	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/250 ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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-2004-7089

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1137	Sample No.	: WA-S-L-2004-6930
Sampling Date/time	: 12/4/2020 , 14:00	Report Date.	: 22/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 22/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: BS 7592
Temperature °C	: 31.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Warter Tank - 2
Sampling Point	: P3, Pump Room	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
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-2004-7028

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6872
Sampling Date/time	: 12/4/2020 , 14:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Water Tank - 1
Sampling Point	: Level - 14 Pump Room	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	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/250 ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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**

**Crystalline Environmental Services**

Report No. WA-R-L-2004-7086



Request No.	: WA-Q-L-2004-1137	Sample No.	: WA-S-L-2004-6927
Sampling Date/time	: 12/4/2020 , 14:00	Report Date.	: 22/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 22/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: BS 7592
Temperature °C	: 31.6	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Water Tank - 1
Sampling Point	: Level - 14, Pump Room	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
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-2004-7029

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1133	Sample No.	: WA-S-L-2004-6873
Sampling Date/time	: 12/4/2020 , 14:15	Report Date.	: 15/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 14/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: APHA 9060 A&B
Temperature °C	: 30.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Water Tank - 2
Sampling Point	: Level - 14 Pump Room	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	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/250 ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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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Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2004-7087

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2004-1137	Sample No.	: WA-S-L-2004-6928
Sampling Date/time	: 12/4/2020 , 14:00	Report Date.	: 22/4/2020
Analysis Start Date.	: 12/4/2020	Analysis End Date.	: 22/4/2020
Sample Location.	: Serco Middle East,(Rihan Heights Abu Dhabi) Tower D	Sampled By	: Jameel
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0380	Sampling Method	: BS 7592
Temperature °C	: 30.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Water Tank - 2
Sampling Point	: Level - 14, Pump Room	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
HS	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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