



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5093



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-5002
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 37.8	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Main Water Tank
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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
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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5089

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4997
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 32.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filter Water Tank - 1
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5091



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-5000
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filter Water tank - 2
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H&I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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
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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5094



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-5003
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 37.8	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Main Water Tank
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5090



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4998
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 32.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filter Water Tank - 1
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5092



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-5001
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 31.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Filter Water Tank - 2
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5064

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4972
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 18/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 17/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Pantry Cold Water Outlet
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5070



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4978
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 27.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen Cold Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5074

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4982
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Cold Water Outlet
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5078



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4986
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Cold Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5065

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4973
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 28.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Pantry Cold Water Outlet
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5071

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4979
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 27.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen Cold Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 10°C
Sample Description	: Water		

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

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0951 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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5075

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4983
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 28.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Cold Water Outlet
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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.

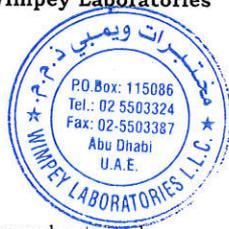
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5079



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4987
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 26.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Cold Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Cold Outlet)</b>	<b>Sample Point</b>	<b>Ground Floor -Pantry</b>

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.12
2	Conductivity at 25°C, µs/cm	----	236
3	Total Dissolved Solids (TDS)	Max 1000	153
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.13
7	Calcium Hardness at 25°C	200	54
8	Total Hardness at 25°C	300	59

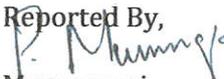
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	52
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer





## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Cold Outlet)</b>	<b>Sample Point</b>	<b>Ground Floor Kitchen</b>

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, µs/cm	----	227
3	Total Dissolved Solids (TDS)	Max 1000	147
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.08
7	Calcium Hardness at 25°C	200	49
8	Total Hardness at 25°C	300	55

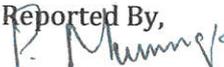
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	40
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer





## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Cold Outlet)</b>	<b>Sample Point</b>	<b>Ground Floor Wash Room</b>

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	7.94
2	Conductivity at 25°C, µs/cm	----	241
3	Total Dissolved Solids (TDS)	Max 1000	156
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.07
7	Calcium Hardness at 25°C	200	48
8	Total Hardness at 25°C	300	57

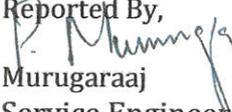
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	46
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer



## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Cold Outlet)</b>	<b>Sample Point</b>	<b>Mezzanine Floor Wash Room</b>

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.19
2	Conductivity at 25°C, µs/cm	----	235
3	Total Dissolved Solids (TDS)	Max 1000	152
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.11
7	Calcium Hardness at 25°C	200	51
8	Total Hardness at 25°C	300	59

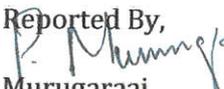
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5066

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4974
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Pantry Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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
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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5068

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4976
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 40.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5072

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4980
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 41.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5076

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4984
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 41.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Hot Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSE 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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5067



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4975
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 39.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Pantry Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	SM	None

Key Words :CFU-Coiony 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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5069

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4977
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 40.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5073



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4981
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 41.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Hot Water Outlet
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



### Legionella Test Report

#### Customer Details

Report No. WA-R-L-2003-5077

#### Crystalline Environmental Services



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4985
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 41.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Male Wash Room Hot Water Outlet
Sampling Point	: Mezzanine Floor	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	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
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



## POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	15-03-2020
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Ground Floor Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	201
3	Total Dissolved Solids (TDS)	Max 1000	131
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	<0.03
7	Calcium Hardness at 25°C	200	42
8	Total Hardness at 25°C	300	48

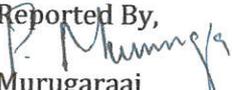
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Hot Outlet)</b>	<b>Sample Point</b>	<b>Ground Floor Kitchen</b>

	<b>Parameter</b>	<b>Control Limits</b>	<b>Test Results</b>
1	<b>pH at 25°C</b>	7.0 - 9.2	8.12
2	<b>Conductivity at 25°C, µs/cm</b>	----	196
3	<b>Total Dissolved Solids (TDS)</b>	Max 1000	127
4	<b>Odor</b>	Unobjectionable	ND
5	<b>Turbidity (including suspended solids)</b>	4.0	<1.0
6	<b>Residual Chlorine</b>	0.2 - 0.5	<0.03
7	<b>Calcium Hardness at 25°C</b>	200	49
8	<b>Total Hardness at 25°C</b>	300	56

**Inorganic Chemical Parameter**

1	<b>Sulphate</b>	Max 250.0	<10
2	<b>Chlorides</b>	Max 250.0	46
3	<b>Iron</b>	Max 0.2	<0.05
4	<b>Copper</b>	Max 1.0	<0.05
5	<b>Zinc</b>	Max 5.0	<0.05
6	<b>Nitrate</b>	Max 50.0	<1.0
7	<b>Nitrite</b>	Max 3.0	<0.05
8	<b>potassium</b>	Max 12.0	<5.0
9	<b>Aluminium</b>	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level within the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
*Murugaraaj*  
Murugaraaj  
Service Engineer





## POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	15-03-2020
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Ground Floor Wash Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.19
2	Conductivity at 25°C, µs/cm	----	241
3	Total Dissolved Solids (TDS)	Max 1000	156
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	<0.03
7	Calcium Hardness at 25°C	200	49
8	Total Hardness at 25°C	300	52

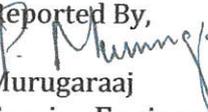
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer



## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

<b>Site location</b>	<b>Abu Dhabi Investment Authority, Abu Dhabi</b>	<b>Service Visit:</b>	<b>15-03-2020</b>
<b>Sampled By</b>	<b>Crystalline Rep</b>	<b>Location</b>	<b>ADIA - BRC</b>
<b>Sample Type</b>	<b>Potable Water (Hot Outlet)</b>	<b>Sample Point</b>	<b>Mezzanine Floor Wash Room</b>

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.19
2	Conductivity at 25°C, µs/cm	----	211
3	Total Dissolved Solids (TDS)	Max 1000	137
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	<0.03
7	Calcium Hardness at 25°C	200	49
8	Total Hardness at 25°C	300	57

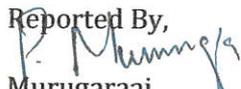
### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	37
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Residual chlorine level is low, kindly maintain the level with in the control limit
3	Calcium hardness and Total Hardness levels are satisfactory
4	All inorganic parameters are within the control limit

Reported By,  
  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5080



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4988
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 9.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Water
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	10000cfu/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

**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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5082

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4990
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 7.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Yard
Sampling Point	: Groundfloor	Preservation	: 4-8°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B	CFU/100ml	Not Detected	--

Note : Not Detected= $\leq$ 1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

**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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5087

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4992
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 19/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 18/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: APHA 9060 A&B
Temperature °C	: 7.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Water
Sampling Point	: Mezzanine Floor	Preservation	: 4-8°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H&I	CFU/100ml	Not Detected	--
Faecal Coliforms	APHA 9222 D	CFU/100ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B	CFU/ml	Not Detected	10000CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B	CFU/100ml	Not Detected	--

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

**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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-01 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5081



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4989
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 9.1	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Water
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	CFU/L	Not Detected	100CFU/L

Note : Limit of Detection= <20CFU/L

Procedure: WSOP-MB-0051. Filtration Followed by Washing and Plating on GVCP Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5083



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4991
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 7.4	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Yard
Sampling Point	: Groundfloor	Preservation	: 10°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	CFU/L	Not Detected	100CFU/L

Note : Limit of Detection= <20CFU/L

WSOP-MB-0051. Filtration Followed by Washing and Plating on GVCP Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
JY	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



Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -



**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5088

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2003-0864	Sample No.	: WA-S-L-2003-4996
Sampling Date/time	: 15/3/2020 , 12:10	Report Date.	: 25/3/2020
Analysis Start Date.	: 15/3/2020	Analysis End Date.	: 25/3/2020
Sample Location.	: Business Recovery Center - ADIA	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0137	Sampling Method	: BS 7592
Temperature °C	: 7.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Chiller Water
Sampling Point	: Mezzanine Floor	Preservation	: 10°C
Sample Description	: Chiller Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731	CFU/L	Not Detected	100CFU/L

Note : Limit of Detection= <20CFU/L

WSOP-MB-0051. Filtration Followed by Washing and Plating on GVPC Agar.

Limit based on DM. Rev2 Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Analyst	Reviewed By	Method Variation
JY	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

Test results relate only to the samples tested.

This report shall not be reproduced except in full, without the written approval of the Laboratory.

This is a LIMS software generated document with E Signature.

Form No: WARF-MB-03 Issue No.:01 Rev No:00 Issued Date:22-01-2020

- End of Text -

## CHILLED WATER ANALYSIS REPORT

<b>Client Name: SERCO, MIDDLE EAST</b>			
<b>Site location</b>	Abu Dhabi Investment Authority, Abu Dhabi	<b>Service Visit:</b>	15-03-2020
<b>Sampled By</b>	Crystalline Rep	<b>Sample Location</b>	ADIA -BRC
<b>Sample Type</b>	Chilled Water	<b>Sample Point</b>	G-Floor Chilled Water

TEST RESULT			
No	PARAMETER	CONTROL LIMITS	TEST RESULTS
1	pH at 25°C	9.0 - 10.5	10.39
2	Conductivity at 25°C, µs/cm	Max 3500	3054
3	TDS, ppm	---	1984
4	Iron, ppm as Fe	0 - 2.0	0.06
5	Nitrite, ppm.	>800	1280
6	Dip slide	<10 <sup>3</sup>	ND

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> <li>pH Levels are satisfactory – No action recommended.</li> <li>Nitrite Levels are satisfactory – No action recommended.</li> </ul>

Reported By,

*Murugara*  
Murugara  
Service Engineer





## CHILLED WATER ANALYSIS REPORT

<b>Client Name: SERCO, MIDDLE EAST</b>			
<b>Site location</b>	Abu Dhabi Investment Authority, Abu Dhabi	<b>Service Visit:</b>	15-03-2020
<b>Sampled By</b>	Crystalline Rep	<b>Sample Location</b>	ADIA -BRC
<b>Sample Type</b>	Chilled Water	<b>Sample Point</b>	M-Floor Chilled Water

TEST RESULT			
No	PARAMETER	CONTROL LIMITS	TEST RESULTS
1	pH at 25°C	9.0 - 10.5	10.16
2	Conductivity at 25°C, µs/cm	Max 3500	3210
3	TDS, ppm	---	2086
4	Iron, ppm as Fe	0 - 2.0	0.14
5	Nitrite, ppm.	>800	1290
6	Dip slide	<10 <sup>3</sup>	ND

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> <li>pH Levels are satisfactory – No action recommended.</li> <li>Nitrite Levels are satisfactory – No action recommended.</li> </ul>

Reported By,

*Murugara*  
Murugara  
Service Engineer





## CHILLED WATER ANALYSIS REPORT

<b>Client Name: SERCO, MIDDLE EAST</b>			
<b>Site location</b>	Abu Dhabi Investment Authority, Abu Dhabi	<b>Service Visit:</b>	15-03-2020
<b>Sampled By</b>	Crystalline Rep	<b>Sample Location</b>	ADIA -BRC
<b>Sample Type</b>	Chilled Water	<b>Sample Point</b>	G-Floor Chiller Yard

TEST RESULT			
No	PARAMETER	CONTROL LIMITS	TEST RESULTS
1	pH at 25°C	9.0 - 10.5	10.36
2	Conductivity at 25°C, µs/cm	Max 3500	3098
3	TDS, ppm	---	2013
4	Iron, ppm as Fe	0 - 2.0	0.19
5	Nitrite, ppm.	>800	1310
6	Dip slide	<10 <sup>3</sup>	ND

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS
<ul style="list-style-type: none"> <li>pH Levels are satisfactory – No action recommended.</li> <li>Nitrite Levels are satisfactory – No action recommended.</li> </ul>

Reported By,

*Murugara*  
Murugara  
Service Engineer

