



Microbiology Test Report

Customer Details

Report No. WA-R-L-2006-11003

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10740
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement Clinic - Cold Water
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/100 ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100mi
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/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11003

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 CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11031



Request No. : WA-Q-L-2006-01737

Sample No. : WA-S-L-2006-10770

Sampling Date : 14/06/2020 ,

Report Date. : 25/6/2020

Analysis Start Date. : 14/6/2020

Analysis End Date. : 24/6/2020

Sample Location. : ADIA HQ

Sampled By : Shoukth

Sample Identification : Not Applicable

Sample Submitted as : Water

Sample Certificate No : 0839

Sampling Method : BS 7592

Temperature °C : 23.7°C

Site Observation : Clear

Sampling Container : Sterile Plastic Bottle

Source of Sample : Basement Clinic - Cold

Sampling Point : Tap Water

Water

Sample Description : Water

Preservation : 10°C

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

Note : Limit of Detection= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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-2006-11004

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10741
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement Shower Room - Cold Water
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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11004

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 CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11032



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10771
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: BS 7592
Temperature °C	: 26.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement Shower Room - Cold Water
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 :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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-2006-11009

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10746
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen - Cold Water
Sampling Point	: Mezzanine Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero 100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذم م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Microbiology Test Report

Report No. : WA-R-L-2006-11009

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 CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11037



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10776
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: BS 7592
Temperature °C	: 26.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Kitchen - Cold Water
Sampling Point	: Mezzanine Floor - 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 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

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-2006-11011

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10748
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26.5°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 16th Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11011

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

Report No. WA-R-L-2006-11039

Customer Details

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10778
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: BS 7592
Temperature °C	: 26.5°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 16th Floor - 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=<1 CFU/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

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-2006-11013

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10750
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing B Pantry - Cold Water
Sampling Point	: 16th Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذم م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Microbiology Test Report

Report No. : WA-R-L-2006-11013

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-2006-11041

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10780
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0839	Sampling Method	: BS 7592
Temperature °C	: 26.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing B Pantry - Cold Water
Sampling Point	: 16th Floor - 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= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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-2006-11016

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No. : WA-Q-L-2006-01737

Sample No. : WA-S-L-2006-10753

Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing B Pantry - Cold Water
Sampling Point	: 31st Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذم م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11016

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

Report No. WA-R-L-2006-11044

Customer Details

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10783
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 23.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing B Pantry - Cold Water
Sampling Point	: 31st Floor - 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 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



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

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11018



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10755
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 32nd Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



Microbiology Test Report

Report No. : WA-R-L-2006-11018

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-2006-11046

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10785
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 23 °C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 32nd Floor - 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 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

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

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11019



Request No. : WA-Q-L-2006-01737

Sample No. : WA-S-L-2006-10756

Sampling Date : 14/06/2020

Report Date. : 17/6/2020

Analysis Start Date. : 14/6/2020

Analysis End Date. : 17/6/2020

Sample Location. : ADIA HQ

Sampled By : Shoukth

Sample Identification : Not Applicable

Sample Submitted as : Water

Sample Certificate No : 0840

Sampling Method : APHA 9060 A&B

Temperature °C : 23.2°C

Site Observation : Clear

Sampling Container : Sterile Plastic Bottle

Source of Sample : Wing A Pantry - Cold

Sampling Point : 33rd Floor - Tap Water

Water

Sample Description : Water

Preservation : 4-8°C

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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Microbiology Test Report

Report No. : WA-R-L-2006-11019

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-2006-11047

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10786
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 23.2°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 33rd Floor - 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= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/ Membrane Filter Followed by Washing Procedure in Funnel.

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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-2006-11020

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10757
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: APHA 9060 A&E
Temperature °C	: 23.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 34th Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



Microbiology Test Report

Report No. : WA-R-L-2006-11020

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-2006-11048

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10787
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 23.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 34th Floor - 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= <1 CFU/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



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

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. WA-R-L-2006-11021



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10758
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 35th Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11021

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: WARP-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-2006-11049

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10788
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 24.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 35th Floor - 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 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

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-2006-11022

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10759
Sampling Date	: 14/06/2020	Report Date.	: 17/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 17/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 36th Floor - 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/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/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2006-11022

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-2006-11050

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10789
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 24.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Wing A Pantry - Cold Water
Sampling Point	: 36th Floor - 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= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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-2006-11023

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971
265 08930; Fax: 971 265 8942



Request No. : WA-Q-L-2006-01737

Sample No. : WA-S-L-2006-10760

Sampling Date : 14/06/2020 ,

Report Date. : 17/6/2020

Analysis Start Date. : 14/6/2020

Analysis End Date. : 17/6/2020

Sample Location. : ADIA HQ

Sampled By : Shoukth

Sample Identification : Not Applicable

Sample Submitted as : Water

Sample Certificate No : 0840

Sampling Method : APHA 9060 A&B

Temperature °C : 23.6°C

Site Observation : Clear

Sampling Container : Sterile Plastic Bottle

Source of Sample : Showerhead

Sampling Point : 36th Floor Shower Room - Cold 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/100 ml	Not Detected	--
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100 ml	Not Detected	--
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	500CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	--
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100 ml	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
HS	SM	None

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



Microbiology Test Report

Report No. : WA-R-L-2006-11023

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 CLEANING & ENVIRONMENTAL SERVICES

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942

Report No. : WA-R-L-2006-11051



Request No.	: WA-Q-L-2006-01737	Sample No.	: WA-S-L-2006-10790
Sampling Date	: 14/06/2020	Report Date.	: 25/6/2020
Analysis Start Date.	: 14/6/2020	Analysis End Date.	: 24/6/2020
Sample Location.	: ADIA HQ	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0840	Sampling Method	: BS 7592
Temperature °C	: 23.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Showerhead
Sampling Point	: 36th Floor Shower Room - Cold 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= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	Basement - Clinic

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.14
2	Conductivity at 25°C, µs/cm	----	246
3	Total Dissolved Solids (TDS)	Max 1000	159
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.17
7	Calcium Hardness at 25°C	200	51
8	Total Hardness at 25°C	300	56

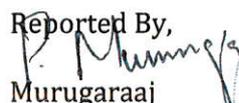
Inorganic Chemical Parameters

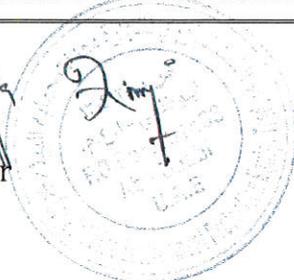
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	39
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	Basement Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, µs/cm	----	238
3	Total Dissolved Solids (TDS)	Max 1000	154
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.16
7	Calcium Hardness at 25°C	200	52
8	Total Hardness at 25°C	300	55

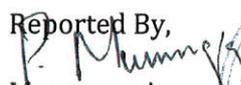
Inorganic Chemical Parameter

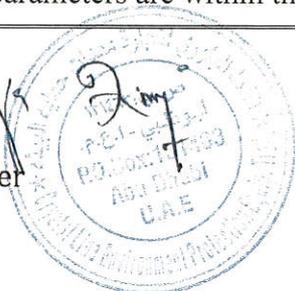
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	HQ Mezzanine Floor-Kitchen

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.05
2	Conductivity at 25°C, µs/cm	----	251
3	Total Dissolved Solids (TDS)	Max 1000	163
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	49
8	Total Hardness at 25°C	300	57

Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	42
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

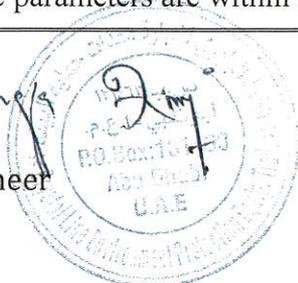
*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

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

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	Wing 16 A Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.09
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	0.14
7	Calcium Hardness at 25°C	200	50
8	Total Hardness at 25°C	300	53

Inorganic Chemical Parameters

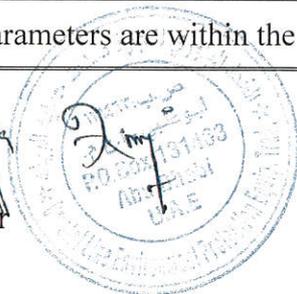
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	38
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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
Murugaraaj
Service Engineer





POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	Wing 16 B Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.32
2	Conductivity at 25°C, µs/cm	----	254
3	Total Dissolved Solids (TDS)	Max 1000	165
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.16
7	Calcium Hardness at 25°C	200	53
8	Total Hardness at 25°C	300	58

Inorganic Chemical Parameters

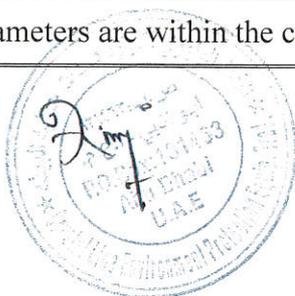
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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
Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	Wing 31 B Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	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	0.15
7	Calcium Hardness at 25°C	200	49
8	Total Hardness at 25°C	300	53

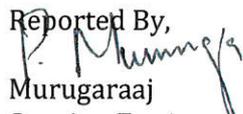
Inorganic Chemical Parameters

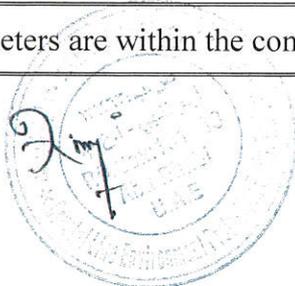
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	33
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO_3 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			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	L 36 Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, µs/cm	----	248
3	Total Dissolved Solids (TDS)	Max 1000	161
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	49
8	Total Hardness at 25°C	300	56

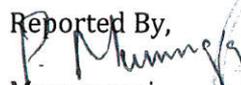
Inorganic Chemical Parameters

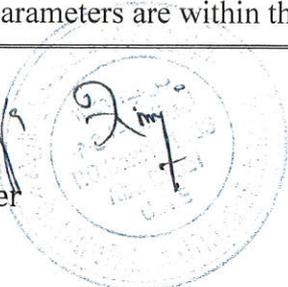
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	39
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	14-06-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Cold Outlet)	Sample Point	L 36 Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.36
2	Conductivity at 25°C, µs/cm	----	226
3	Total Dissolved Solids (TDS)	Max 1000	146
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 - 0.5	0.17
7	Calcium Hardness at 25°C	200	46
8	Total Hardness at 25°C	300	54

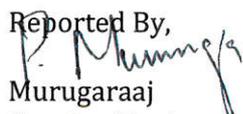
Inorganic Chemical Parameters

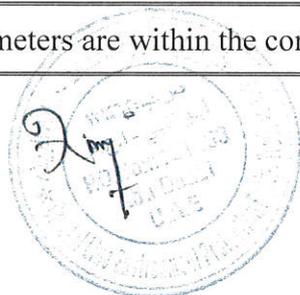
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	38
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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





Microbiology Test Report

Customer Details

Report No. WA-R-L-2006-11165

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES P.O.Box: 131463

Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01765	Sample No.	: WA-S-L-2006-10900
Sampling Date/time	: 16/6/2020 , 19:10	Report Date.	: 20/6/2020
Analysis Start Date.	: 16/6/2020	Analysis End Date.	: 19/6/2020
Sample Location.	: ADIA, Car Parking, Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0843	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement 03 - Mess Hall Cold Water
Sampling Point	: Water Tap	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.



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Microbiology Test Report

Report No. : WA-R-L-2006-11165

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-2006-11184

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES P.O.Box: 131463

Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01765	Sample No.	: WA-S-L-2006-10920
Sampling Date	: 16/06/2020 ,	Report Date.	: 27/6/2020
Analysis Start Date.	: 16/6/2020	Analysis End Date.	: 26/6/2020
Sample Location.	: ADIA, Car Parking, Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0843	Sampling Method	: BS 7592
Temperature °C	: 28.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement 03 - Mess Hall Cold Water
Sampling Point	: Water Tap	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

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-2006-11175

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES P.O.Box: 131463

Warehouse no: 84, M-45. Mussaffah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01765	Sample No.	: WA-S-L-2006-10910
Sampling Date/time	: 16/6/2020 , 19:10	Report Date.	: 20/6/2020
Analysis Start Date.	: 16/6/2020	Analysis End Date.	: 19/6/2020
Sample Location.	: ADIA, Car Parking, Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0844	Sampling Method	: APHA 9060 A&B
Temperature °C	: 26°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: 1st Floor Driver Room - Cold Water
Sampling Point	: Water Tap	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.



مختبرات ويمبي ذ م م
Wimpey Laboratories LLC

P.O. Box 115086, Musaffah M-34, Abu Dhabi, U.A.E.
Tel: +971 2 5503324, Fax: +971 2 5503387



Microbiology Test Report

Report No. : WA-R-L-2006-11175

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-2006-11194

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES P.O.Box: 131463

Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE. Tel: 971 265 08930; Fax: 971 265 8942



Request No.	: WA-Q-L-2006-01765	Sample No.	: WA-S-L-2006-10930
Sampling Date	: 16/06/2020	Report Date.	: 27/6/2020
Analysis Start Date.	: 16/6/2020	Analysis End Date.	: 26/6/2020
Sample Location.	: ADIA, Car Parking, Abu Dhabi	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0844	Sampling Method	: BS 7592
Temperature °C	: 26°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: 1st Floor Driver Room - Cold Water
Sampling Point	: Water Tap	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=<1 CFU/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

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:	16-06-2020
Sampled By	Crystalline Rep	Location	ADIA – CAR PARKING
Sample Type	Potable Water (Cold Outlet)	Sample Point	B3 – Mess Hall

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.36
2	Conductivity at 25°C, µs/cm	----	254
3	Total Dissolved Solids (TDS)	Max 1000	165
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	51
8	Total Hardness at 25°C	300	58

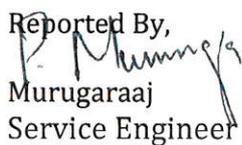
Inorganic Chemical Parameters

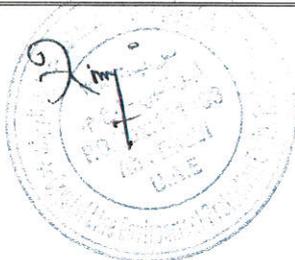
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	41
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO₃ 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			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	16-06-2020
Sampled By	Crystalline Rep	Location	ADIA – CAR PARKING
Sample Type	Potable Water (Cold Outlet)	Sample Point	L1- Driver Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.28
2	Conductivity at 25°C, µs/cm	----	261
3	Total Dissolved Solids (TDS)	Max 1000	169
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Residual Chlorine	0.2 – 0.5	0.16
7	Calcium Hardness at 25°C	200	49
8	Total Hardness at 25°C	300	56

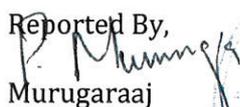
Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	43
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 CaCO₃ 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

