



**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23672



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22898

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2198	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom Tap
Sampling Point	: M1	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23671



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22897

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.3 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23670



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22896

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.2 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23669



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22895

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.1 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23668



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22894

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: M.D.H. TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

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

Report No. WA-R-L-2010-23667



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22893

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No.	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F4 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected =< 1 CFU

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.

Signed for and on behalf of Wimpey Laboratories

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23666



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22892

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F3 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23665



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22891

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F1 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23664



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22890

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 37.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F2 TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23661



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22887

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: SV1 Hot Water
Sampling Point	: Pantry 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.

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23663



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22889

Sampling Date	: 18/10/2020	Report Date.	: 21/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 20/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: APHA 9060 A&B
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: S.R.P. TP	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

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

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

Analyst	Reviewed By	Method Variation
SM	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23687



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22913

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2198	Sampling Method	: BS 7592
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom Tap
Sampling Point	: M1	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23686



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22912

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.3 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

Note : Limit of Detection=<1CFU/L

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

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

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

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23685



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22911

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.2 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

Note : Limit of Detection=<1CFU/L

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23684



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22910

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Side Washroom
Sampling Point	: M.F.1 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23683



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22909

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: M.D.H. TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23682



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22908

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F4 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23681



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22907

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 34.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F3 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

Note : Limit of Detection=<1CFU/L

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23680



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22906

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F1 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23679



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22905

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 37.9	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: F2 TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

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

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

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

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

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2010-23676

**Crystalline Cleaning & Environmental Services**

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



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22902

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 39	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: SV1 Hot Water
Sampling Point	: Pantry 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**  
Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2010-23678



Request No. : WA-Q-L-2010-03438

Sample No. : WA-S-L-2010-22904

Sampling Date	: 18/10/2020	Report Date.	: 28/10/2020
Analysis Start Date.	: 18/10/2020	Analysis End Date.	: 28/10/2020
Sample Location.	: Zayed University	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 2197	Sampling Method	: BS 7592
Temperature °C	: 38	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Hot Water Male Washroom
Sampling Point	: S.R.P. TP	Preservation	: 10°C
Sample Description	: Potable Water		

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

Note : Limit of Detection=<1CFU/L

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

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

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

Head of Microbiology Department

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## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: M1 - Male Washroom, Hot Water Tap</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.24			
Conductivity at 25°C, µs/cm	1600 Max.	268			
Total Dissolved Solids (TDS)	1000 Max.	174			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	71			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	63			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	51			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

#### ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇨

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: M.F.3 TP - Hot Water Male Side Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.16			
Conductivity at 25°C, µs/cm	1600 Max.	269			
Total Dissolved Solids (TDS)	1000 Max.	176			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	68			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	64			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	52			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

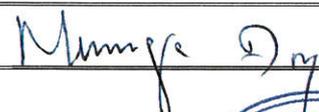
#### ACTION:

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

<b>Service Engineer:</b>	Murugaraaj	<b>Client:</b>	Mr. MUHAMMED AFSHAR
<b>Signature:</b>		<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: MF2 TP, Hot Water Male Side Washroom</b>

### WATER ANALYSIS

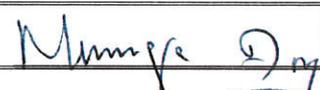
PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.20			
Conductivity at 25°C, µs/cm	1600 Max.	267			
Total Dissolved Solids (TDS)	1000 Max.	173			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	69			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	64			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	52			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

<b>COMMENTS:</b>	<b>ACTION:</b>
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>	<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>	
<b>Signature:</b>		<b>Signature:</b>		



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: MF 1 TP- Hot Water Male Side Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTBALE WATER			
pH at 25°C	7.0 - 9.2	8.13			
Conductivity at 25°C, $\mu\text{s/cm}$	1600 Max.	271			
Total Dissolved Solids (TDS)	1000 Max.	176			
Total Hardness, ppm as $\text{CaCO}_3$	300 Max.	72			
Calcium Hardness, ppm as $\text{CaCO}_3$	200 Max.	68			
Chlorides ( $\text{Cl}^-$ ), mg/l	250 Max.	53			
Sulphate ( $\text{SO}_4$ ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate ( $\text{NO}_3\text{-N}$ ) mg/l	50 Max.	<1.0			
Nitrite ( $\text{NO}_2\text{-}$ ) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH levels are high

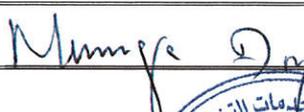


#### ACTION:

Please maintain the desired control limit

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: MDH TP - Hot Wash Male side washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WATER			
pH at 25°C	7.0 - 9.2	8.27			
Conductivity at 25°C, µs/cm	1600 Max.	256			
Total Dissolved Solids (TDS)	1000 Max.	166			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	67			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	61			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	49			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇔

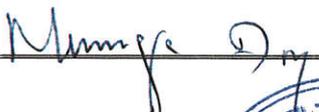
#### ACTION:

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

<b>Service Engineer:</b>	Murugaraaj	<b>Client:</b>	Mr. MUHAMMED AFSHAR
<b>Signature:</b>		<b>Signature:</b>	





## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: F4 TP, Hot Water Male Side Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 - 9.2	8.16			
Conductivity at 25°C, µs/cm	1600 Max.	269			
Total Dissolved Solids (TDS)	1000 Max.	174			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	65			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	57			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	43			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇔

#### ACTION:

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: F3 TP, Hot Water Male Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 - 9.2	8.11			
Conductivity at 25°C, µs/cm	1600 Max.	266			
Total Dissolved Solids (TDS)	1000 Max.	172			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	67			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	58			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	46			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

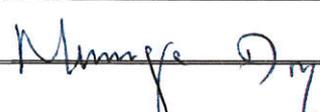
*All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos)*

#### COMMENTS:

#### ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇨

No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: F1 TP, Hot Water Male Side Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 - 9.2	8.19			
Conductivity at 25°C, µs/cm	1600 Max.	264			
Total Dissolved Solids (TDS)	1000 Max.	171			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	63			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	57			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	43			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

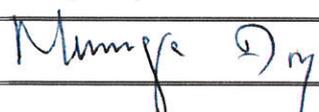
#### ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇔

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	





## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: F2 TP, Hot Water Male Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 - 9.2	8.26			
Conductivity at 25°C, µs/cm	1600 Max.	259			
Total Dissolved Solids (TDS)	1000 Max.	168			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	71			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	68			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	51			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇔

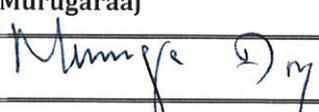
#### ACTION:

No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	Murugaraaj		<b>Client:</b>	Mr. MUHAMMED AFSHAR
<b>Signature:</b>			<b>Signature:</b>	



## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>		<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>		<b>DATE: 18-10-2020</b>	
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>		<b>Copy: SERCO</b>		<b>LOCATION: SV1 - Pantry Hot Water</b>	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 - 9.2	8.21			
Conductivity at 25°C, µs/cm	1600 Max.	264			
Total Dissolved Solids (TDS)	1000 Max.	173			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	66			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	61			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	48			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			
<i>All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos)</i>					
<b>COMMENTS:</b>			<b>ACTION:</b>		
The pH and Conductivity/TDS are found satisfactory. ⇔			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
			--		
<b>Service Engineer:</b>	Murugaraaj		<b>Client:</b>	Mr. MUHAMMED AFSHAR	
<b>Signature:</b>			<b>Signature:</b>		





## CONSULTING SERVICE REPORT

<b>CUSTOMER: SERCO FACILITY MANAGEMENT.</b>	<b>To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER</b>	<b>DATE: 18-10-2020</b>
<b>SITE: ZAYED UNIVERSITY, ABU DHABI</b>	<b>Copy: SERCO</b>	<b>LOCATION: SRP TP – Hot Water Washroom</b>

### WATER ANALYSIS

PARAMETER	CONTROL LIMITS	POTABLE WAER			
pH at 25°C	7.0 – 9.2	8.09			
Conductivity at 25°C, µs/cm	1600 Max.	248			
Total Dissolved Solids (TDS)	1000 Max.	161			
Total Hardness, ppm as CaCO <sub>3</sub>	300 Max.	63			
Calcium Hardness, ppm as CaCO <sub>3</sub>	200 Max.	57			
Chlorides (Cl <sup>-</sup> ), mg/l	250 Max.	51			
Sulphate (SO <sub>4</sub> ), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO <sub>3</sub> -N) mg/l	50 Max.	<1.0			
Nitrite (NO <sub>2</sub> -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

#### Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

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

#### COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

#### ACTION:

No action recommended.

#### INVENTORY LEVELS

#### DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
<b>Service Engineer:</b>	<b>Murugaraaj</b>		<b>Client:</b>	<b>Mr. MUHAMMED AFSHAR</b>
<b>Signature:</b>			<b>Signature:</b>	

