



**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-2102-35531



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35065

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 24	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor-Main Water Tank
Sampling Point	: Tank	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 12

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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

P.O.Box: 115086  
Tel: 02 5503324  
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Abu Dhabi  
U.A.E.

**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-2102-35532



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35066

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 25	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor-Filter Water Tank #01
Sampling Point	: Tank	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 13

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	--
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

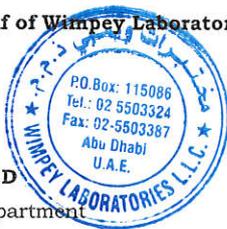
Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2102-35533

**Crystalline Cleaning & Environmental Services**

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



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35067

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 23	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor-Filter Water Tank #02
Sampling Point	: Tank	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 14

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

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-2102-35520



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35054

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 22	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor Pantry-Cold Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 1

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F - Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

**Crystalline Clearing & Environmental Services**

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

Report No. WA-R-L-2102-35522



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35056

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 22	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor Kitchen-Cold Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 3

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	--
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

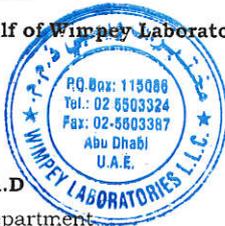
Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**  
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-2102-35524



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35058

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 20.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor Male Washroom-Cold Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 5

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2102-35527

**Crystalline Cleaning & Environmental Services**

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



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35061

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Mezzanine Floor Male Washroom-Cold Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 8

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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

**Dr. Suresh Murugan Ph.D.**  
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-2102-35521



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35055

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 37	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor Pantry-Hot Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 2

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	--
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 Water Quality Regulations 2021. Document no. DcE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

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-2102-35523



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35057

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Ground Floor Kitchen-Hot Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 4

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	--
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

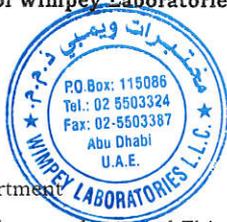
Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

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-2102-35525



Request No. : WA-Q-L-2102-05008	Received Date : 13/02/2021	Sample No. : WA-S-L-2102-35059
Sampling Date : 13/02/2021	Report Date. : 16/02/2021	
Analysis Start Date. : 13/02/2021	Analysis End Date. : 15/02/2021	
Sample Location. : Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By : Client Representative	
Sample Identification : Not Applicable	Sample Submitted as : Water	
Sample Certificate No : Not Applicable	Sampling Method : Not Applicable	
Temperature °C : 35	Site Observation : Clear	
Sampling Container : Sterile Plastic Bottle	Source of Sample : Ground Floor Male Washroom-Hot Water	
Sampling Point : Water Tap	Preservation : Not Applicable	
Sample Description : Water	Samplerrefno : 6	

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

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-2102-35526



Request No. : WA-Q-L-2102-05008 Received Date : 13/02/2021 Sample No. : WA-S-L-2102-35060

Sampling Date	: 13/02/2021	Report Date.	: 16/02/2021
Analysis Start Date.	: 13/02/2021	Analysis End Date.	: 15/02/2021
Sample Location.	: Abu Dhabi Investment Authorities(ADIA)-Business Recovery Center	Sampled By	: Client Representative
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: Not Applicable	Sampling Method	: Not Applicable
Temperature °C	: 22	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Mezzanine Floor Male Washroom-Hot Water
Sampling Point	: Water Tap	Preservation	: Not Applicable
Sample Description	: Water	Samplerrefno	: 7

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	--
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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
SN	SM	None

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Cold Outlet)	Sample Point	Ground Floor -Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.36
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	273
3	Total Dissolved Solids (TDS)	Max 1000	177
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	64
7	Total Hardness at 25°C	300	72
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	53
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

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

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Calcium hardness and Total Hardness levels are satisfactory
3	All inorganic parameters are within the control limit

Reported By,

  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Cold Outlet)	Sample Point	Ground Floor Kitchen

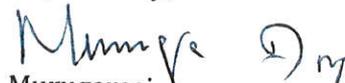
	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.16
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	259
3	Total Dissolved Solids (TDS)	Max 1000	168
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	57
7	Total Hardness at 25°C	300	64
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	46
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

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

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Calcium hardness and Total Hardness levels are satisfactory
3	All inorganic parameters are within the control limit

Reported By,

  
Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Cold Outlet)	Sample Point	Ground Floor Washroom

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.14
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	249
3	Total Dissolved Solids (TDS)	Max 1000	163
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	67
7	Total Hardness at 25°C	300	72
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	56
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

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

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Calcium hardness and Total Hardness levels are satisfactory
3	All inorganic parameters are within the control limit

Reported By,

Muruganraj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Cold Outlet)	Sample Point	Mezzanine Floor Washroom

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.31
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	274
3	Total Dissolved Solids (TDS)	Max 1000	178
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	61
7	Total Hardness at 25°C	300	68
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	52
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

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

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
2	Calcium hardness and Total Hardness levels are satisfactory
3	All inorganic parameters are within the control limit

Reported By,

Murugaraaj  
Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Ground Floor Pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.32
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	261
3	Total Dissolved Solids (TDS)	Max 1000	169
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	51
7	Total Hardness at 25°C	300	64
<b>Inorganic Chemical Parameters</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	46
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
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\*\*\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
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Murugaraaj  
Service Engineer



**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA -BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Ground Floor Kitchen

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.34
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	264
3	Total Dissolved Solids (TDS)	Max 1000	171
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	57
7	Total Hardness at 25°C	300	64
<b>Inorganic Chemical Parameter</b>			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	51
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
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### COMMENTS AND RECOMMENDATIONS

1	PH, Conductivity & TDS levels are normal
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Service Engineer



CLEANER WATER GREENER TOMORROW



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Ground Floor Wash Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.32
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	276
3	Total Dissolved Solids (TDS)	Max 1000	179
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	57
7	Total Hardness at 25°C	300	64

### Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	49
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
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**CLEANER WATER GREENER TOMORROW**



# CRYSTALLINE ENVIRONMENTAL SERVICES

## WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	13-02-2021
Sampled By	Crystalline Rep	Location	ADIA - BRC
Sample Type	Potable Water (Hot Outlet)	Sample Point	Mezzanine Floor Washroom

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.27
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	262
3	Total Dissolved Solids (TDS)	Max 1000	170
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	51
7	Total Hardness at 25°C	300	67

### Inorganic Chemical Parameters

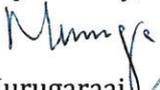
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	46
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
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\*\*\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

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