



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-2011-26645



Request No. : WA-Q-L-2011-03830

Sample No. : WA-S-L-2011-25939

Sampling Date	: 17/11/2020	Report Date.	: 19/11/2020
Analysis Start Date.	: 17/11/2020	Analysis End Date.	: 19/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) – Head Quarters	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4738	Sampling Method	: APHA 9060 A&B
Temperature °C	: 27	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: LG Floor – Calorifier No:04 (Hot Water)
Sampling Point	: Valve	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

Report No. WA-R-L-2011-26646

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2011-03830

Sample No. : WA-S-L-2011-25940

Sampling Date	: 17/11/2020	Report Date.	: 19/11/2020
Analysis Start Date.	: 17/11/2020	Analysis End Date.	: 19/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) – Head Quarters	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4738	Sampling Method	: APHA 9060 A&B
Temperature °C	: 27	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: LG Floor – Calorifier No:05 (Hot Water)
Sampling Point	: Valve	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-2011-26643



Request No. : WA-Q-L-2011-03830

Sample No. : WA-S-L-2011-25937

Sampling Date	: 17/11/2020	Report Date.	: 19/11/2020
Analysis Start Date.	: 17/11/2020	Analysis End Date.	: 19/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) – Head Quarters	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4738	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement Shower Room – Hot 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.

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-2011-26662



Request No. : WA-Q-L-2011-03830

Sample No. : WA-S-L-2011-25956

Sampling Date	: 17/11/2020	Report Date.	: 19/11/2020
Analysis Start Date.	: 17/11/2020	Analysis End Date.	: 19/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) – Head Quarters	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4739	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: 36th Floor Shower Room – Hot Water
Sampling Point	: Shower Head	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-2011-26855



Request No. : WA-Q-L-2011-03851

Sample No. : WA-S-L-2011-26175

Sampling Date	: 18/11/2020	Report Date.	: 22/11/2020
Analysis Start Date.	: 18/11/2020	Analysis End Date.	: 21/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) -Car Parking	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4741	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.7	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Basement 03 – Mess Hall – Hot 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
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

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Crystalline Cleaning & Environmental Services

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

Report No. : WA-R-L-2011-26865



Request No. : WA-Q-L-2011-03851

Sample No. : WA-S-L-2011-26185

Sampling Date	: 18/11/2020	Report Date.	: 22/11/2020
Analysis Start Date.	: 18/11/2020	Analysis End Date.	: 21/11/2020
Sample Location.	: Abu Dhabi Investment Authorities (ADIA) -Car Parking	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 4741	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: 01st Floor Driver Room - Hot 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
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

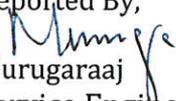
Client Name: SERCO, MIDDLE EAST			
Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	LG- Calorifier # 04

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.55
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	210
3	Total Dissolved Solids (TDS)	Max 1000	136
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	73
7	Total Hardness at 25°C	300	79
Inorganic Chemical Parameters			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	69
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	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:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	LG- Calorifier # 05

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.43
2	Conductivity at 25°C, $\mu\text{S}/\text{cm}$	----	210
3	Total Dissolved Solids (TDS)	Max 1000	136
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	73
7	Total Hardness at 25°C	300	81
Inorganic Chemical Parameters			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	64
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	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:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	HQ Mezzanine Floor Kitchen

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.35
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	221
3	Total Dissolved Solids (TDS)	Max 1000	143
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	75
7	Total Hardness at 25°C	300	79

Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	70
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	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:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	Basement Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	7.02
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	190
3	Total Dissolved Solids (TDS)	Max 1000	123
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	69
7	Total Hardness at 25°C	300	75
Inorganic Chemical Parameters			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	62
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	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:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	Wing 16A pantry

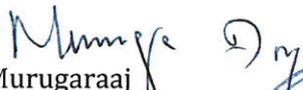
	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	7.99
2	Conductivity at 25°C, $\mu\text{s/cm}$	---	186
3	Total Dissolved Solids (TDS)	Max 1000	120
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	69
7	Total Hardness at 25°C	300	75
Inorganic Chemical Parameters			
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	60
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	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



WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet)	Sample Point	Wing 16B pantry

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.08
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	207
3	Total Dissolved Solids (TDS)	Max 1000	134
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	60
7	Total Hardness at 25°C	300	69

Inorganic Chemical Parameters

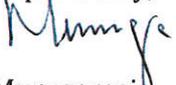
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	56
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** All test results expressed in parts per million (ppm) as CaCO_3 except pH and conductivity (μmhos).

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





CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

Site location	Abu Dhabi Investment Authority, Abu Dhabi	Service Visit:	17-11-2020
Sampled By	Crystalline Rep	Location	ADIA - HQ
Sample Type	Potable Water (Hot Outlet))	Sample Point	L 36 Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.29
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	227
3	Total Dissolved Solids (TDS)	Max 1000	147
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	75

Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	58
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	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:	18-11-2020
Sampled By	Crystalline Rep	Location	ADIA - Car Parking
Sample Type	Potable Water (Hot Outlet)	Sample Point	B3 - Mess Hall

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.46
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	200
3	Total Dissolved Solids (TDS)	Max 1000	130
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	68
7	Total Hardness at 25°C	300	75

Inorganic Chemical Parameters

1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	60
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	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:	18-11-2020
Sampled By	Crystalline Rep	Location	ADIA - Car Parking
Sample Type	Potable Water (Hot Outlet)	Sample Point	L1- Driver Shower Room

	Parameter	Control Limits	Test Results
1	pH at 25°C	7.0 - 9.2	8.14
2	Conductivity at 25°C, $\mu\text{s}/\text{cm}$	----	215
3	Total Dissolved Solids (TDS)	Max 1000	139
4	Odor	Unobjectionable	ND
5	Turbidity (including suspended solids)	4.0	<1.0
6	Calcium Hardness at 25°C	200	79
7	Total Hardness at 25°C	300	85

Inorganic Chemical Parameters

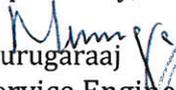
1	Sulphate	Max 250.0	<10
2	Chlorides	Max 250.0	71
3	Iron	Max 0.2	<0.05
4	Copper	Max 1.0	<0.05
5	Zinc	Max 5.0	<0.05
6	Nitrate	Max 50.0	<1.0
7	Nitrite	Max 3.0	<0.05
8	Potassium	Max 12.0	<5.0
9	Aluminium	Max 0.2	<0.05

*** 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	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