



**Chemical Analysis Report**

Report No. WA-R-L-2005-9206

**Customer Details**

**CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES**

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

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



Request No.	: WA-Q-L-2005-1450	Sample No.	: WA-S-L-2005-9003
Sampling Date/time	: 14/5/2020 , 15:39	Report Date.	: 26/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: N/A
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab – Millipore Tap
Sampling Point	: Not Given	Preservation	: Not Given
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	<2	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	<2	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	<5	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.3	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	<5	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	<2	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.

Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RR	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per liter,µS/cm-micro-Siemens per centimeter.



**Chemical Analysis Report**

Report No. : WA-R-L-2005-9206

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

**Dr. Sarah Titus Ph.D**  
Senior Chemist



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**Microbiology Test Report**

**Customer Details**

**CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES**

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

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

Report No. WA-R-L-2005-9171



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8978
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 17/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 16/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab – Millipore Tap
Sampling Point	: Not Given	Preservation	: Not Given
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/100ml#
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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



**Microbiology Test Report**

Report No. : WA-R-L-2005-9171

Signed for and on behalf of Wimpey Laboratories



**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Legionella Test Report**

Report No. WA-R-L-2005-9194

**Customer Details**

**CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES**

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



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8991
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 27/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 24/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab – Millipore Tap
Sampling Point	: Not Given	Preservation	: Not Given
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

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.

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Chemical Analysis Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9205



Request No.	: WA-Q-L-2005-1450	Sample No.	: WA-S-L-2005-9002
Sampling Date/time	: 14/5/2020 , 15:39	Report Date.	: 26/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Certificate No	: Not Given
Sampling Method	: Not Given	Temperature °C	: Not Given
Site Observation	: Clear	Sampling Container	: Plastic Bottle
Source of Sample	: NRL Lab Hand Wash	Sampling Point	: Not Given
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	48	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	35	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	216	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.2	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	147	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	5.6	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi. Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RR	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per litter,µS/cm-micro-Siemens per centimeter.



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**Chemical Analysis Report**

Report No. : WA-R-L-2005-9205

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

**Dr. Sarah Titus Ph.D**

Senior Chemist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9170

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8977
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 17/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 16/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab Hand Wash
Sampling Point	: Not Given	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/100ml#
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2005-9193

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8990
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 27/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 24/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab Hand Wash
Sampling Point	: Not Given	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

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.

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Chemical Analysis Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9204



Request No.	: WA-Q-L-2005-1450	Sample No.	: WA-S-L-2005-9001
Sampling Date/time	: 14/5/2020 , 15:39	Report Date.	: 26/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Certificate No	: Not Given
Sampling Method	: Not Given	Temperature °C	: Not Given
Site Observation	: Clear	Sampling Container	: Plastic Bottle
Source of Sample	: NRL Lab Eye Wash	Sampling Point	: Not Given
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	50	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	36	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	216	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.0	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	146	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	56	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.  
Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RR	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per litter,µS/cm-micro-Siemens per centimeter.



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**Chemical Analysis Report**

Report No. : WA-R-L-2005-9204

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

**Dr. Sarah Titus Ph.D**

Senior Chemist

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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9169



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8976
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 17/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 16/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab Eye Wash
Sampling Point	: Not Given	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 aeroginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/100ml#
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9192



Request No.	: WA-Q-L-2005-1447	Sample No.	: WA-S-L-2005-8989
Sampling Date/time	: 14/5/2020 , 17:00	Report Date.	: 27/5/2020
Analysis Start Date.	: 14/5/2020	Analysis End Date.	: 24/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Client
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: Not Given	Sampling Method	: Not Given
Temperature °C	: Not Given	Site Observation	: Clear
Sampling Container	: Plastic Bottle	Source of Sample	: NRL Lab Eye Wash
Sampling Point	: Not Given	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

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.

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
JY	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Chemical Analysis Report**

**Customer Details**

Report No. WA-R-L-2005-9409

**Crystalline Environmental Services**



Request No. : WA-Q-L-2005-1484

Sample No. : WA-S-L-2005-9200

Sub Contractor :

Sampling Date/time : 18/5/2020 , 12:00

Report Date. : 26/5/2020

Analysis Start Date. : 18/5/2020

Analysis End Date. : 21/5/2020

Sample Location. : Health Point Hospital

Sampled By : Amin ullah

Sample Identification : Not Given

Sample Submitted as : Water

Sample Certificate No : 0901

Sampling Method : APHA 1060

Temperature °C : 22.5

Site Observation : Clear

Sampling Container : Sterile Glass Bottle

Source of Sample : Millipore

Sampling Point : ICLDC Lab - Tap Water

Sample Description : Water

Parameters	Test Methods	Units	Results
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	<2
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	<1
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	5.62
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.8
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	<10
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	<2

Analyst	Reviewed By	Method Variation
RD	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per liter, µS/cm-micro-Siemens per centimeter.

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

**Dr. Sarah Titus Ph.D**

Senior Chemist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9416

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9207
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: APHA 9060 A & B
Temperature °C	: 22.5	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Millipore	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/100ml*
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

\*Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2005-9433

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9224
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 28/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 28/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No.	: 0901	Sampling Method	: BS 7592
Temperature °C	: 22.5	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Millipore	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

Note : Limit of Detection=<1CFU/L

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

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

Signed for and on behalf of Wimpey Laboratories

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Chemical Analysis Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9410



Request No.	: WA-Q-L-2005-1484	Sample No.	: WA-S-L-2005-9201
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 26/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: APHA 1060
Temperature °C	: 19.8	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: Eyewash
Sampling Point	: ICLDC Lab - Tap Water	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	50	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	37	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	232	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.1	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	153	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	62	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.

Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RD	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per liter, µS/cm-micro-Siemens per centimeter.



**Chemical Analysis Report**

Report No. : WA-R-L-2005-9410

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

**Dr. Sarah Titus Ph.D**

Senior Chemist

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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2005-9417



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9208
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: APHA 9060 A & B
Temperature °C	: 19.8	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Emergency Eye Wash	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/100ml*
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

\*Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9434

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9225
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 28/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 28/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: BS 7592
Temperature °C	: 19.8	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Emergency Eye Wash	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

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.

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist

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**Chemical Analysis Report**

**Customer Details**

Report No. WA-R-L-2005-9411

**CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES**

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



Request No.	: WA-Q-L-2005-1484	Sample No.	: WA-S-L-2005-9202
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 26/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: APHA 1060
Temperature °C	: 24.5	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: Wash Basin
Sampling Point	: ICLDC Lab - Tap Water	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	62	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	35	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	230	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	7.9	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	152	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	62	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.

Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RD	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per litter, µS/cm-micro-Siemens per centimeter.



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Testing - NAL 034

Chemical Analysis Report

Report No. : WA-R-L-2005-9411

Signed for and on behalf of Wimpey Laboratories



**Dr. Sarah Titus Ph.D**  
Senior Chemist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2005-9418

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9209
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: APHA 9060 A & B
Temperature °C	: 24.5	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Hand Wash	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/100ml*
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

\*Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0  
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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

**Dr. Suresh Murugan Ph.D**  
Senior Microbiologist



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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9435

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9226
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 28/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 28/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0901	Sampling Method	: BS 7592
Temperature °C	: 24.5	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: ICLDC Lab
Sampling Point	: Hand Wash	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	100CFU/100ml

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.

Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2005-9525

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9326
Sampling Date/time	: 19/5/2020 , 14:20	Report Date.	: 22/5/2020
Analysis Start Date.	: 19/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Sugeeth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0909	Sampling Method	: APHA 9060 A&B
Temperature °C	: 25.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: L1 CSSD RO Water Tank
Sampling Point	: Level 1 Critical Area	Preservation	: 4-8°C
Sample Description	: RO 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/100ml#
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.

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



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Testing - NAL 034  
Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2005-9525

Signed for and on behalf of Wimpey Laboratories

**Dr. Suresh Murugan Ph.D**  
Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9526

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9327
Sampling Date/time	: 19/5/2020 , 14:20	Report Date.	: 22/5/2020
Analysis Start Date.	: 19/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Sugeeth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0909	Sampling Method	: APHA 9060 A&B
Temperature °C	: 24.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: L1 CSSD Decontamination Room Sink
Sampling Point	: Level 1 Critical Area	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/100ml#
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

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

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



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Microbiology Test Report

Report No. : WA-R-L-2005-9526

Signed for and on behalf of Wimpey Laboratories

**Dr. Suresh Murugan Ph.D**  
Senior Microbiologist



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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9426



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9217
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0903	Sampling Method	: APHA 9060 A & B
Temperature °C	: 23.9	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: DSU CSSD - Wash Basin - Tap Water
Sampling Point	: Level-1 DSU CSSD - Wash Basin	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/100ml*
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

\*Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



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Testing - NAL 034

Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2005-9426

Signed for and on behalf of Wimpey Laboratories

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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Microbiology Test Report

Report No. WA-R-L-2005-9425

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1485	Sample No.	: WA-S-L-2005-9216
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 21/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 20/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0903	Sampling Method	: APHA 9060 A & B
Temperature °C	: 24.7	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: OT Scrab Sink
Sampling Point	: Level-1 Operation Theatre Scrab Sink	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/100ml*
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= $\leq$ 1CFU

\*Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0

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

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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

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

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2005-9504

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9305
Sampling Date/time	: 19/5/2020 , 14:20	Report Date.	: 22/5/2020
Analysis Start Date.	: 19/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Sugeeth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0905	Sampling Method	: APHA 9060 A&B
Temperature °C	: 23°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Clean Room Sink
Sampling Point	: IP Pharmacy Sink Area	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/100ml#
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.

#Limit based on HAAD/HED/ST/0012/HS\_EHSMS, Department of Health Abu Dhabi, water quality version 1.0.

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

Analyst	Reviewed By	Method Variation
HS	SM	None

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



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Testing - NAL 034  
Testing - NAL 034

Microbiology Test Report

Report No. : WA-R-L-2005-9504

Signed for and on behalf of Wimpey Laboratories



**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Chemical Analysis Report**

**Customer Details**

Report No. WA-R-L-2005-9413

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1484	Sample No.	: WA-S-L-2005-9204
Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 26/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0903	Sampling Method	: APHA 1060
Temperature °C	: 23.9	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: DSU CSSD - Wash Basin
Sampling Point	: Tap Water	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	50	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	34	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	228	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.1	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	150	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	62	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.

Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RD	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per liter, µS/cm-micro-Siemens per centimeter.



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**Chemical Analysis Report**

Report No. : WA-R-L-2005-9413

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

**Dr. Sarah Titus Ph.D**  
Senior Chemist



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**Chemical Analysis Report**

**Customer Details**

Report No. WA-R-L-2005-9412

**Crystalline Environmental Services**



Request No. : WA-Q-L-2005-1484 Sample No. : WA-S-L-2005-9203

Sampling Date/time	: 18/5/2020 , 12:00	Report Date.	: 26/5/2020
Analysis Start Date.	: 18/5/2020	Analysis End Date.	: 21/5/2020
Sample Location.	: Health Point Hospital	Sampled By	: Amin ullah
Sample Identification	: Not Given	Sample Submitted as	: Water
Sample Certificate No	: 0903	Sampling Method	: APHA 1060
Temperature °C	: 24.7	Site Observation	: Clear
Sampling Container	: Sterile Glass Bottle	Source of Sample	: OT CSSD
Sampling Point	: Sink Tap Water	Sample Description	: Water

Parameters	Test Methods	Units	Results	Specification
Calcium Hardness as CaCO <sub>3</sub>	APHA 3500 Ca B 23rd Ed. 2017	mg/L	50	200
Chloride	APHA 4500 Cl-B 23rd Ed. 2017	mg/L	35	250
Conductivity @ 25°C	APHA 2510 B 23rd Ed. 2017	µS/cm	230	--
Copper	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	1.0
Iron	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	0.2
pH @25°C	APHA 4500 H+B 23rd Ed. 2017	--	8.0	7.0-9.2
Silver	APHA 3120 B 23rd Ed. 2017	mg/L	<0.05	--
Total Dissolved Solids(TDS)	APHA 2540 C 23rd Ed. 2017	mg/L	151	100-1000
Total Hardness as CaCO <sub>3</sub>	APHA 2340 C 23rd Ed. 2017	mg/L	62	300

Note : Limits based on The Water Quality Regulations(Fourth Edition), 2014, issued by The Regulation and Supervision Bureau for the water, wastewater and electricity sector in the Emirates of Abu Dhabi.

Specification limits indicates the maximum allowable value/range of values.

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

Analyst	Reviewed By	Method Variation
RD	ST	None

Key Words :APHA- American Public Health Association, mg/L-Milligrams per litter, µS/cm-micro-Siemens per centimeter.



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Testing - NAL 034

**Chemical Analysis Report**

Report No. : WA-R-L-2005-9412

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

**Dr. Sarah Titus Ph.D**

Senior Chemist

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