



Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9500



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9301
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	: 27.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1 Water Tank 1
Sampling Point	: Potable Tank 1	Preservation	: 4-3°C
Sample Description	: Potable Water		

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



**Microbiology Test Report**

Report No. : WA-R-L-2005-9500

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-2005-9501

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9302
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	: 25.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1 Water Tank 2
Sampling Point	: Potable Tank 2	Preservation	: 4-8°C
Sample Description	: Potable Water		

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



**Microbiology Test Report**

Report No. : WA-R-L-2005-9501

**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-2005-9502

**Crystalline Environmental Services**



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9303
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	: 23.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1 Water Tank 3
Sampling Point	: Potable Tank 3	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml#
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/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-2005-9502

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-2005-9503

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1497	Sample No.	: WA-S-L-2005-9304
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	: 26°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: P1 Water Tank 4
Sampling Point	: Potable Tank 4	Preservation	: 4-8°C
Sample Description	: Potable Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml#
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero/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-2005-9503

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Senior Microbiologist



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## TEST REPORT

Report No: QMTL/R-102683/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-102683	
	Date Received	07 May 2020	
	Date(s) Tested	07 May 2020 - 09 May 2020	
	Date Reported	17 May 2020	
Sample Description	Potable Water Tank-5		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital-AUH	Sampling Date/Time	07.05.2020/ 10:30 AM
Sample Container	1X500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	30.6°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

## TEST RESULTS

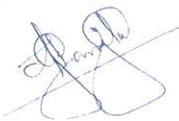
PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	5
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB : Regulation & Supervision Bureau, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, WI: Work Instruction, NA: Not Applicable, NP: Not Provided,
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Test method deviation	None
Test performed by Emp#	74 & 55
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

Reported By



**ANILA GEORGE**  
**LABORATORY MANAGER**



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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-102684/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-102684	
	Date Received	07 May 2020	
	Date(s) Tested	07 May 2020 - 09 May 2020	
	Date Reported	17 May 2020	
Sample Description	Potable Water Tank-6		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital-AUH	Sampling Date/Time	07.05.2020/ 10:40 AM
Sample Container	1X500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	17.8°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

## TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

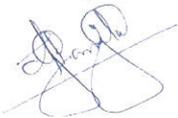
Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB : Regulation & Supervision Bureau, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, WI: Work Instruction, NA: Not Applicable, NP: Not Provided,
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Test method deviation	None
Test performed by Emp#	74 & 55
Report prepared by Emp#	72

The above test results are only applicable to the sample(s) referred above.

Reported By



**ANILA GEORGE**  
**LABORATORY MANAGER**



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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-102685/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-102685	
	Date Received	07 May 2020	
	Date(s) Tested	07 May 2020 - 09 May 2020	
	Date Reported	17 May 2020	
Sample Description	Potable Water Tank-7		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital-AUH	Sampling Date/Time	07.05.2020/ 10:50 AM
Sample Container	1X500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	31°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

## TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB : Regulation & Supervision Bureau, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, WI: Work Instruction, NA: Not Applicable, NP: Not Provided,
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Test method deviation	None
Test performed by Emp#	74 & 55
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

Reported By



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**LABORATORY MANAGER**



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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-102686/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates		Sample ID	QMTL/S-102686
ATTN : MR. JASMAN PINTO		Date Received	07 May 2020
		Date(s) Tested	07 May 2020 - 09 May 2020
		Date Reported	17 May 2020
Sample Description	Potable Water Tank-8		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital-AUH	Sampling Date/Time	07.05.2020/ 11:00 AM
Sample Container	1X500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	17.2°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

## TEST RESULTS

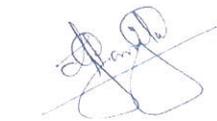
PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	8
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB : Regulation & Supervision Bureau, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, WI: Work Instruction, NA: Not Applicable, NP: Not Provided,
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Test method deviation	None
Test performed by Emp#	74 & 55
Report prepared by Emp#	72
The above test results are only applicable to the sample(s) referred above.	

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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-102687/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-102687	
	Date Received	07 May 2020	
	Date(s) Tested	07 May 2020 - 09 May 2020	
	Date Reported	17 May 2020	
Sample Description	<b>Potable Water Tank-9</b>		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	Healthpoint Hospital-AUH	Sampling Date/Time	07.05.2020/ 11:10 AM
Sample Container	1X500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	34°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	NP		

## TEST RESULTS

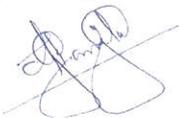
PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	Zero	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	Zero	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	10@37°C	7
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero

Remarks	The sample meets HAAD EHSMS Standard for Healthcare Providers- RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB : Regulation & Supervision Bureau, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, WI: Work Instruction, NA: Not Applicable, NP: Not Provided,
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Test method deviation	None
Test performed by Emp#	74 & 55
Report prepared by Emp#	72
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