

## TEST REPORT

Report No: QMTL/R-94529/2020

<b>CLIENT</b> : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN</b> : MR. JASMAN PINTO	Sample ID	QMTL/S-94529	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
Sample Description	Tower 4, R1, Pumping Room, Tank - 1		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/03:19 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	26.6°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

### 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 RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable; NP: Not Provided, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	55 & 78
Report prepared by Emp#	22
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-94530/2020

<b>CLIENT</b> : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN</b> : MR. JASMAN PINTO	Sample ID	QMTL/S-94530		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020		
	Date Reported	27 Feb 2020		
Sample Description	Tower 4 , R1, Pumping Room Tank -2			
Sample Type	Water	Sampling Method	QMTL-WI-15	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/03:28 PM	
Sample Container	1x500ml PB	Sampling Point	Tank	
Sample Receipt Temp	5°C	Sample Onsite Temp	27°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM-ABU DHABI			

### 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 RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable;NP: Not Provided, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	55 & 78
Report prepared by Emp#	22
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-94531/2020

<b>CLIENT</b> : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN</b> : MR. JASMAN PINTO	Sample ID	QMTL/S-94531	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
Sample Description	Tower 4 , R1 , Fire Pump Room, Tank -1		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/03:41 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	25.2°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>MICROBIOLOGICAL ANALYSIS</b>				
E.coli	APHA 9222 H & I (23rd Edition)	CFU/100 ml	-	Zero
Fecal Coliforms	APHA 9222 D (23rd Edition)	CFU/100 ml	-	Zero
Pseudomonas aeruginosa	APHA 9213 E (23rd Edition)	CFU/100 ml	-	Zero
Total Bacterial Count	APHA 9215 B (23rd Edition)	CFU/ml	500	<1
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	-	Zero
Remarks	The sample meets DM Water Systems quality (2010) specifications for evaporative air coolers, Misters, air washers & humidifiers with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association , DM: Dubai Municipality, NA: Not Applicable, NP: Not Provided, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	55
Report prepared by Emp#	22

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-94532/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-94532	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
ATTN : MR. JASMAN PINTO			
Sample Description	Tower 4, Roof Top Pump Room, Tank -1		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/03:50 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	25.9°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

### 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	9
Total Coliforms	APHA 9222 B (23rd Edition)	CFU/100 ml	Zero	Zero
Remarks	The sample meets RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable;NP: Not Provided, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	55 & 78
Report prepared by Emp#	22
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-94533/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94533	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
Sample Description	<b>Tower 4, Roof Top Pump Room, Tank - 2</b>		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/04:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	26.1°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

### 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 RSB Water Quality Regulations (4th Edition) January 2014 requirements for potable water with respect to the above tests only.			

Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable; NP: Not Provided, WI: Work Instruction
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Test method deviation	None
Test performed by Emp#	55 & 78
Report prepared by Emp#	22
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-94549/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94549		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	<b>Tower 4, R1, Pumping Room, Tank - 1</b>			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/3:19 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	26.6°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>LEGIONELLA ANALYSIS</b>				
Legionella	CCFRA 3.9.1 (5th Edition)	CFU/litre	<1	Not Detected
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella Species	CCFRA 3.9.1 (5th Edition)	-	-	Absent

Remarks	The sample meets 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, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	72
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The above test results are only applicable to the sample(s) referred above.

Reported By



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## TEST REPORT

Report No: QMTL/R-94550/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94550		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	<b>Tower 4, R1, Pumping Room, Tank -2</b>			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/3:28 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	27°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

## TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>LEGIONELLA ANALYSIS</b>				
Legionella	CCFRA 3.9.1 (5th Edition)	CFU/litre	<1	Not Detected
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella Species	CCFRA 3.9.1 (5th Edition)	-	-	Absent

Remarks	The sample meets 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, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	72
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Reported By




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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-94551/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94551		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	<b>Tower 4 , R1, Fire Pump Room, Tank -1</b>			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/3:41 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	25.2°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>LEGIONELLA ANALYSIS</b>				
Legionella	CCFRA 3.9.1 (5th Edition)	CFU/litre	<1	Not Detected
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella Species	CCFRA 3.9.1 (5th Edition)	-	-	Absent

Remarks	The sample meets DM Water Systems quality (2010) specifications for evaporative air coolers, misters, airwashers & humidifiers with respect to the above tests only.
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Keywords	CFU: Colony Forming Unit, CCFRA: Campden & Chorleywood Food Research Association, DM: Dubai Municipality, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	72
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Reported By




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**END OF REPORT**

## TEST REPORT

Report No: QMTL/R-94552/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94552		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	<b>Tower 4, Roof Top Pump Room, Tank -1</b>			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/3:50 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	25.9°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

## TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>LEGIONELLA ANALYSIS</b>				
Legionella	CCFRA 3.9.1 (5th Edition)	CFU/litre	<1	Not Detected
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella Species	CCFRA 3.9.1 (5th Edition)	-	-	Absent

Remarks	The sample meets 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, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	72
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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-94553/2020

<b>CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi PO Box : 131463 United Arab Emirates  <b>ATTN : MR. JASMAN PINTO</b>	Sample ID	QMTL/S-94553		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	<b>Tower 4, Roof Top Pump Room, Tank -2</b>			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/4:00 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	26.1°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

## TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
<b>LEGIONELLA ANALYSIS</b>				
Legionella	CCFRA 3.9.1 (5th Edition)	CFU/litre	<1	Not Detected
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella pneumophila sero group 2-15	CCFRA 3.9.1 (5th Edition)	-	-	Absent
Legionella Species	CCFRA 3.9.1 (5th Edition)	-	-	Absent

Remarks	The sample meets 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, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, WI: Work Instruction, NA: Not Applicable, NP: Not Provided
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Test method deviation	None
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	72
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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**

## INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95565

<b>CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi, U.A.E		
<b>ATTN: MR.JASMAN PINTO</b>		
<b>PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING</b>		
Sampling location: <b>Lobby area, Tower-4</b>	Sample ID : QMTL/S-95565	
Sampling Method: BSEN 481:1993,60079-29-2-2015	Date(s) Tested:27.02.2020	
Date/Time of Sampling:27.02.2020	Sampling Duration: STEL	Date Of Reporting:29.02.2020

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
<b>PARTICULATE MATTER</b>				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>2.3</b>
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 15	<b>8.4</b>
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 50	<b>29.5</b>
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>52.6</b>
<b>GASEOUS</b>				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	<b>0.11</b>
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	<b>652</b>
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	<b>1.9</b>



Report No: QMTL/R-95565  
Sample No: QMTL/S-95565

Date Reported: 29.02.2020  
Date Received: 27.02.2020

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
Temperature	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	°C	-	24.9
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	41.6

Remarks: The indoor quality performed meets with ANSI/ASHRAE standard 62.1-2016 for Ventilation for Acceptable Indoor Air Quality guideline with respect to the above tested parameters

Analysis performed by : 65  
Report prepared by : 39  
Test Method deviation : None

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**

## INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95564

<b>CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi, U.A.E	
<b>ATTN: MR.JASMAN PINTO</b>	
<b>PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING</b>	
Sampling location: <b>Pantry, 6<sup>th</sup> Floor, Tower-4,</b>	Sample ID : QMTL/S-95564
Sampling Method: BSEN 481:1993,60079-29-2-2015	Date(s) Tested:27.02.2020
Date/Time of Sampling:27.02.2020	Sampling Duration: STEL Date Of Reporting:29.02.2020

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
<b>PARTICULATE MATTER</b>				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>0.1</b>
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 15	<b>1.4</b>
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 50	<b>9.3</b>
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>11.2</b>
<b>GASEOUS</b>				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	<b>0.05</b>
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	<b>593</b>
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	<b>0.8</b>



Report No: QMTL/R-95564  
Sample No: QMTL/S-95564

Date Reported: 29.02.2020  
Date Received: 27.02.2020

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
Temperature	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	°C	-	22.9
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	49.3

Remarks: The indoor quality performed meets with ANSI/ASHRAE standard 62.1-2016 for Ventilation for Acceptable Indoor Air Quality guideline with respect to the above tested parameters

Analysis performed by : 65  
Report prepared by : 39  
Test Method deviation : None

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**

## INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95563

<b>CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi, U.A.E	
<b>ATTN: MR.JASMAN PINTO</b>	
<b>PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING</b>	
Sampling location: <b>Corridor, 19<sup>th</sup> Floor, Tower-4</b>	Sample ID : QMTL/S-95563
Sampling Method: BSEN 481:1993,60079-29-2-2015	Date(s) Tested:27.02.2020
Date/Time of Sampling:27.02.2020	Sampling Duration: STEL
	Date Of Reporting:29.02.2020

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
<b>PARTICULATE MATTER</b>				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>0.5</b>
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 15	<b>1.2</b>
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 50	<b>11.5</b>
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>19.8</b>
<b>GASEOUS</b>				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	<b>0.03</b>
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	<b>593</b>
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	<b>1.1</b>



Report No: QMTL/R-95563  
Sample No: QMTL/S-95563

Date Reported: 29.02.2020  
Date Received: 27.02.2020

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
Temperature	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	°C	-	<b>22.9</b>
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	<b>48.1</b>

Remarks: The indoor quality performed meets with ANSI/ASHRAE standard 62.1-2016 for Ventilation for Acceptable Indoor Air Quality guideline with respect to the above tested parameters

Analysis performed by : 65  
Report prepared by : 39  
Test Method deviation : None

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**

## INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95562

<b>CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi, U.A.E		
<b>ATTN: MR.JASMAN PINTO</b>		
<b>PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING</b>		
Sampling location: <b>Reception, 27<sup>th</sup> Floor, Tower-4</b>	Sample ID : QMTL/S-95562	
Sampling Method: BSEN 481:1993,60079-29-2-2015	Date(s) Tested:27.02.2020	
Date/Time of Sampling:27.02.2020	Sampling Duration: STEL	Date Of Reporting:29.02.2020

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
<b>PARTICULATE MATTER</b>				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>0.1</b>
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 15	<b>0.6</b>
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	Max 50	<b>5.6</b>
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m <sup>3</sup>	-	<b>11.1</b>
<b>GASEOUS</b>				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	<b>0.08</b>
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	<b>611</b>
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	<b>1.3</b>



Report No: QMTL/R-95562  
Sample No: QMTL/S-95562

Date Reported: 29.02.2020  
Date Received: 27.02.2020

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
Temperature	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	°C	-	<b>22.9</b>
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	<b>46.3</b>

Remarks: The indoor quality performed meets with ANSI/ASHRAE standard 62.1-2016 for Ventilation for Acceptable Indoor Air Quality guideline with respect to the above tested parameters

Analysis performed by : 65  
Report prepared by : 39  
Test Method deviation : None

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**

## INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95561

<b>CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES</b> Abu Dhabi, U.A.E		
<b>ATTN: MR.JASMAN PINTO</b>		
<b>PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING</b>		
Sampling location: <b>Reception, 32 Floor, Tower-4</b>	Sample ID : QMTL/S-95561	
Sampling Method: BSEN 481:1993,60079-29-2-2015	Date(s) Tested:27.02.2020	
Date/Time of Sampling:27.02.2020	Sampling Duration: STEL	Date Of Reporting:29.02.2020

### TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
<b>PARTICULATE MATTER</b>				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	$\mu\text{g}/\text{m}^3$	-	<b>0.2</b>
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	$\mu\text{g}/\text{m}^3$	Max 15	<b>1.7</b>
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	$\mu\text{g}/\text{m}^3$	Max 50	<b>11.8</b>
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	$\mu\text{g}/\text{m}^3$	-	<b>22.6</b>
<b>GASEOUS</b>				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	<b>0.11</b>
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	<b>641</b>
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	<b>1.3</b>



Report No: QMTL/R-95561  
Sample No: QMTL/S-95561

Date Reported: 29.02.2020  
Date Received: 27.02.2020

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
Temperature	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	°C	-	23.2
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	45.6

Remarks: The indoor quality performed meets with ANSI/ASHRAE standard 62.1-2016 for Ventilation for Acceptable Indoor Air Quality guideline with respect to the above tested parameters

Analysis performed by : 65  
Report prepared by : 39  
Test Method deviation : None

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