

TEST REPORT

Report No: QMTL/R-94519/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-94519	
	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 3 R1, Pumping Room Tank -4		
Sample Type	Water	Sampling Method	QMTL-WI-15
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/12:00 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	26.8°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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-94522/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-94522	
	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 3 R1, Transfer 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	22.02.2020/01:10 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
MICROBIOLOGICAL ANALYSIS				
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	4
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

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END OF REPORT

TEST REPORT

Report No: QMTL/R-94523/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates	Sample ID	QMTL/S-94523	
	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 3, R1, Transfer 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	22.02.2020/01:25 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	24.8°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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	2
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-94520/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94520	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
Sample Description	Tower 3 Roof Floor, 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	22.02.2020/12:30 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	25.6°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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
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Test performed by Emp#	55 & 78
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Report prepared by Emp#	22
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END OF REPORT

TEST REPORT

Report No: QMTL/R-94521/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94521	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 24 Feb 2020	
	Date Reported	27 Feb 2020	
Sample Description	Tower 3, Roof Top 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	22.02.2020/12:50 PM
Sample Container	1x500ml PB	Sampling Point	Tank
Sample Receipt Temp	5°C	Sample Onsite Temp	26°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM-ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
MICROBIOLOGICAL ANALYSIS				
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 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

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TEST REPORT

Report No: QMTL/R-94542/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94542		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	Tower 3, R1, Transfer Pumping Room Tank - 1			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/1:10 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
LEGIONELLA ANALYSIS				
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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TEST REPORT

Report No: QMTL/R-94543/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94543
	Date Received	22 Feb 2020
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020
	Date Reported	04 Mar 2020
Sample Description	Tower 3, R1, Transfer Pumping Room, Tank -2	
Sample Type	Water	Sampling Method QMTL-WI-16
Client Name/Project	NP	Sampled By QMTL Representative
Location	AUH	Sampling Date/Time 22.02.2020/1:25 PM
Sample Container	1x1L PB	Sampling Point Tank
Sample Receipt Temp	16°C	Sample Onsite Temp 24.8°C
Sample Appearance	Clear	On-site Treatment NA
Reference	ADGM- ABU DHABI	

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
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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TEST REPORT

Report No: QMTL/R-94539/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94539		
	Date Received	22 Feb 2020		
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020		
	Date Reported	04 Mar 2020		
Sample Description	Tower 3, R1, Pumping Room Tank -4			
Sample Type	Water	Sampling Method	QMTL-WI-16	
Client Name/Project	NP	Sampled By	QMTL Representative	
Location	AUH	Sampling Date/Time	22.02.2020/12:00 PM	
Sample Container	1x1L PB	Sampling Point	Tank	
Sample Receipt Temp	16°C	Sample Onsite Temp	26.8°C	
Sample Appearance	Clear	On-site Treatment	NA	
Reference	ADGM- ABU DHABI			

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
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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TEST REPORT

Report No: QMTL/R-94541/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94541	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020	
	Date Reported	04 Mar 2020	
Sample Description	Tower 3, Roof Top, Pumping Room Tank - 1		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/12:50 PM
Sample Container	1x1L PB	Sampling Point	Tank
Sample Receipt Temp	16°C	Sample Onsite Temp	26°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM- ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
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.

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END OF REPORT

TEST REPORT

Report No: QMTL/R-94540/2020

CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates ATTN : MR. JASMAN PINTO	Sample ID	QMTL/S-94540	
	Date Received	22 Feb 2020	
	Date(s) Tested	22 Feb 2020 - 03 Mar 2020	
	Date Reported	04 Mar 2020	
Sample Description	Tower 3, Roof Floor, Pumping Room Tank - 2		
Sample Type	Water	Sampling Method	QMTL-WI-16
Client Name/Project	NP	Sampled By	QMTL Representative
Location	AUH	Sampling Date/Time	22.02.2020/12:30 PM
Sample Container	1x1L PB	Sampling Point	Tank
Sample Receipt Temp	16°C	Sample Onsite Temp	25.6°C
Sample Appearance	Clear	On-site Treatment	NA
Reference	ADGM- ABU DHABI		

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	GUIDELINES	RESULTS
LEGIONELLA ANALYSIS				
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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INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95576

CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi, U.A.E		
ATTN: MR.JASMAN PINTO		
PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING		
Sampling location: Lobby Area, Tower-3	Sample ID : QMTL/S-95576	
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
PARTICULATE MATTER				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	0.7
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 15	3.9
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 50	36.5
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	50.7
GASEOUS				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	0.06
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	652
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	2.2



Report No: QMTL/R-95576
Sample No: QMTL/S-95576

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	-	22.6
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	50.3

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

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END OF REPORT

INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95580

CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi, U.A.E		
ATTN: MR.JASMAN PINTO		
PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING		
Sampling location: Near CFA Institute Corridor, 7th Floor, Tower-3	Sample ID : QMTL/S-95580	
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
PARTICULATE MATTER				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	0.1
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 15	1.2
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 50	16.2
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	21.5
GASEOUS				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	0.06
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	612
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	1.3



Report No: QMTL/R-95580
Sample No: QMTL/S-95580

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	-	23.1
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	50.6

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



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LABORATORY MANAGER

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END OF REPORT

INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95579

CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi, U.A.E		
ATTN: MR.JASMAN PINTO		
PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING		
Sampling location: ICLDC Reception, 15th Floor, Tower-3	Sample ID : QMTL/S-95579	
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
PARTICULATE MATTER				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	0.1
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 15	0.3
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 50	7.5
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	13.3
GASEOUS				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	0.08
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	601
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	0.9



Report No: QMTL/R-95579
Sample No: QMTL/S-95579

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	50.7

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



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END OF REPORT

INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95578

CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi, U.A.E		
ATTN: MR.JASMAN PINTO		
PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING		
Sampling location: TAQA Reception, 25th Floor, Tower-3	Sample ID : QMTL/S-95578	
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
PARTICULATE MATTER				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	0.1
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 15	0.4
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 50	14.9
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	20.3
GASEOUS				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	0.02
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	568
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	1.3



Report No: QMTL/R-95578
Sample No: QMTL/S-95578

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	-	24.1
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	49.6

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


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INDOOR AIR QUALITY MONITORING REPORT

REPORT NO: - QMTL/R-95577

CLIENT: M/S. CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi, U.A.E		
ATTN: MR.JASMAN PINTO		
PROJECT: INDOOR AIR QUALITY MONITORING AT ADGM BUILDING		
Sampling location: Reception, Department of Energy, 32nd Floor, Tower-3	Sample ID : QMTL/S-95577	
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
PARTICULATE MATTER				
PM 1.0	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	0.1
PM 2.5	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 15	1.0
PM 10	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	Max 50	34.6
TSPM	BSEN 481:1993, QMTL-SOP-147 Rev 01 Dated 20.08.2019	µg/m ³	-	55.3
GASEOUS				
TVOC	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	-	0.05
Carbon Dioxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 700	596
Carbon Monoxide	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	ppm	Max 9	1.3



Report No: QMTL/R-95577
Sample No: QMTL/S-95577

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	-	23.6
Humidity	BSEN 60079-29-2-2015, QMT- SOP-146 Rev 01 Dated 20.08.2019	%	Max 65	48.1

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

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