

TEST REPORT

REPORT NO:-QMTL/R-75867

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-758667
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FDH- Kitchen (Hot Water) Sample Onsite Temp: 34°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	10
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

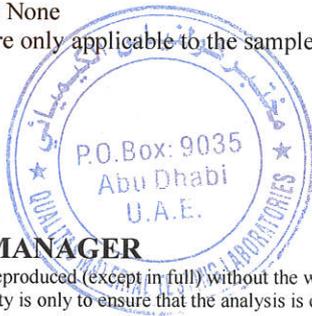
The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE

LABORATORY MANAGER

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-75868

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75868
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FDH- Dinning Area (Hot Water) Sample Onsite Temp: 59.4°C Sample Receipt Temp: 7°C	Source: Dinning	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-75878

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75878
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: Convention Center (Hot Water) Sample Onsite Temp: 42°C Sample Receipt Temp: 7°C	Source: Tap	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

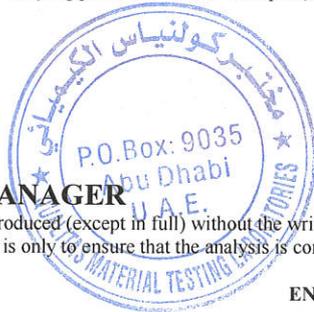
Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-75863

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75863
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description : MR1- Pantry (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	7
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75864

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75864
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MR1- Catering Kitchen (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	10
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-75865

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75865
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MDH- E Light Catering (Hot Water) Sample Onsite Temp: 75.2°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	<1
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75866

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75866
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MDH- Male Washroom (Hot Water) Sample Onsite Temp: 42.5°C Sample Receipt Temp: 7°C	Source: Washroom	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

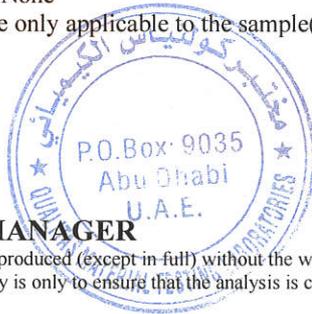
Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75869

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75869
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FR1- Pantry (Hot Water) Sample Onsite Temp: 53.5°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

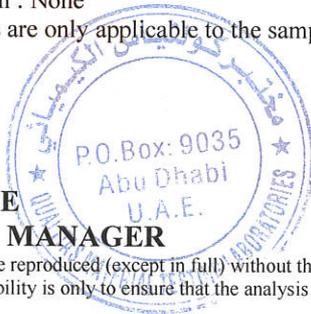
Report prepared by Emp#: 61

Test Method deviation : None

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-75870

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75870
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FR1- Catering Kitchen (Hot Water) Sample Onsite Temp: 53.5°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	2
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75872

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75872
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FSP- Washroom (Hot Water) Sample Onsite Temp: 35°C Sample Receipt Temp: 7°C	Source: Washroom	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	10
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

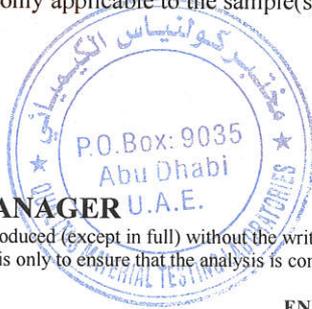
Report prepared by Emp#: 61

Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75871

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: APHA 9060 A	Sample ID: QMTL/S-75871
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FSP- Pantry (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-15.10.2019
	Sample Container: 1x500 ml PB	Date Reported: 19.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: NA	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHOD (APHA 23 RD EDITION)	UNITS	SPECIFICATIONS	RESULTS
MICROBIOLOGICAL ANALYSIS				
Total Bacterial Count	APHA 9215 B	CFU/ml	10@37°C	9
Total Coliforms	APHA 9222 B	CFU/100ml	Zero	Zero
Faecal coliform	APHA 9222 D	CFU/100ml	Zero	Zero
Pseudomonas aeruginosa	APHA 9213 E	CFU/100ml	Zero	Zero
Escherichia coli	APHA 9222 H & I	CFU/100ml	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.

Key Words:- CFU: Colony Forming Unit, APHA: American Public Health Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable

Report prepared by Emp#: 61

Test Method deviation : None

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

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TEST REPORT

REPORT NO:-QMTL/R-75886

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75886
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description : MR1- Pantry (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

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TEST REPORT

REPORT NO:-QMTL/R-75887

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75887
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MR1- Catering Kitchen (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

TEST REPORT

REPORT NO:-QMTL/R-75888

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75888
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MDH- E Light Catering (Hot Water) Sample Onsite Temp: 75.2°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

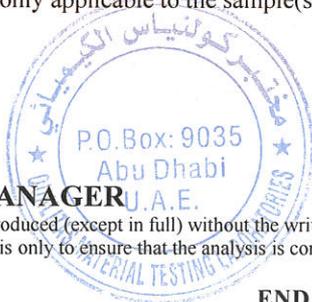
The above test results are only applicable to the sample(s) referred above

Reported By

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LABORATORY MANAGER

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END OF REPORT



TEST REPORT

REPORT NO:-QMTL/R-75889

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-758889
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: MDH- Male Washroom (Hot Water) Sample Onsite Temp: 42.5°C Sample Receipt Temp: 7°C	Source: Washroom	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

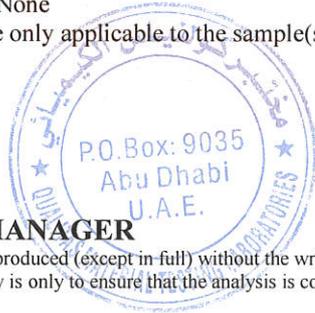
The above test results are only applicable to the sample(s) referred above

Reported By

ANILA GEORGE
LABORATORY MANAGER

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END OF REPORT



TEST REPORT

REPORT NO:-QMTL/R-75890

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75890
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FDH- Kitchen (Hot Water) Sample Onsite Temp: 34°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

TEST REPORT

REPORT NO:-QMTL/R-75891

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75891
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FDH- Dinning Area (Hot Water) Sample Onsite Temp: 59.4°C Sample Receipt Temp: 7°C	Source: Dinning	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

TEST REPORT

REPORT NO:-QMTL/R-75892

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75892
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FR1- Pantry (Hot Water) Sample Onsite Temp: 53.5°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

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

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LABORATORY MANAGER

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-75893

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75893
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FR1 - Catering Kitchen (Hot Water) Sample Onsite Temp: 53.5°C Sample Receipt Temp: 7°C	Source: Kitchen	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

Page 1 of 1

QMTL-FRM-58 Revision : 02; Revision Date : 03.01.2016

TEST REPORT

REPORT NO:-QMTL/R-75894

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75894
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FSP- Pantry (Hot Water) Sample Onsite Temp: 48.9°C Sample Receipt Temp: 7°C	Source: Pantry	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

Test Method deviation : None

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

Reported By

ANILA GEORGE
LABORATORY MANAGER A.E.

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END OF REPORT

TEST REPORT

REPORT NO:-QMTL/R-75895

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75895
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: FSP- Washroom (Hot Water) Sample Onsite Temp: 35°C Sample Receipt Temp: 7°C	Source: Washroom	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

TEST REPORT

REPORT NO:-QMTL/R-75901

CLIENT:- CRYSTALLINE ENVIRONMENTAL SERVICES		
P.O.Box.131463, Abu Dhabi, U.A.E		
Ph:02-6508930/0557167017		
ATTN: Mr. JASMAN PINTO		
Product: Water	Sampling Method: BS 7592	Sample ID: QMTL/S-75901
Reference: ZAYED UNIVERSITY	Sampled By: QMTL Representative	Date Received: 13.10.2019
Sample Description: Convention Center (Hot Water) Sample Onsite Temp: 42°C Sample Receipt Temp: 7°C	Source: Tap	Date(s) Tested: 13-23.10.2019
	Sample Container: 1x1 L PB	Date Reported: 28.10.2019
	Sample Appearance: Clear	Date of Sampling: 13.10.2019
On-Site Treatment: NA	Tested by Emp#: 14 & 55	Location: AUH

TEST RESULTS

PARAMETERS	TEST METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	CCFRA 3.9.1 (5 th Edition)	cfu/litre	<1	Not Detected
IDENTIFICATION				
Legionella Species	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 1	CCFRA 3.9.1 (5 th Edition)	-	-	Absent
Legionella pneumophila sero group 2-14	CCFRA 3.9.1 (5 th 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.

Key Words: CFU: Colony Forming Unit, BS: British Standards, CCFRA: Campden & Chorleywood Food Research Association, RSB: Regulation & Supervision Bureau, NA: Not Applicable.

Report prepared by Emp#: 61

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

CONSULTING SERVICE REPORT

CUSTOMER: SERCO MIDDLE EAST	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: MR 1, PANTRY

WATER ANALYSIS

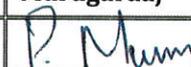
PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.92			
Conductivity at 25°C, µs/cm	1600 Max.	122			
Total Dissolved Solids (TDS)	1000 Max.	81			
Total Hardness, ppm as CaCO ₃	300 Max.	56			
Calcium Hardness, ppm as CaCO ₃	200 Max.	44			
Chlorides (Cl ⁻), mg/l	250 Max.	31			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: MR 1, CATERING KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 – 9.2	8.61			
Conductivity at 25°C, µs/cm	1600 Max.	120			
Total Dissolved Solids (TDS)	1000 Max.	78			
Total Hardness, ppm as CaCO ₃	300 Max.	61			
Calcium Hardness, ppm as CaCO ₃	200 Max.	54			
Chlorides (Cl ⁻), mg/l	250 Max.	29			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

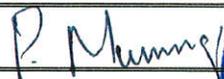
The pH and Conductivity/TDS are found satisfactory. ⇔

ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:		Mr. MUHAMMED AFSHAR
Signature:		Signature:		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: CONVENTION CENTER-KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 – 9.2	8.14			
Conductivity at 25°C, µs/cm	1600 Max.	119			
Total Dissolved Solids (TDS)	1000 Max.	74			
Total Hardness, ppm as CaCO ₃	300 Max.	46			
Calcium Hardness, ppm as CaCO ₃	200 Max.	38			
Chlorides (Cl ⁻), mg/l	250 Max.	27			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

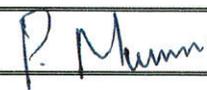
The pH and Conductivity/TDS are found satisfactory. ⇨

ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:		Mr. MUHAMMED AFSHAR
Signature:		Signature:		





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: MDH E-LIGHT KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 – 9.2	8.64			
Conductivity at 25°C, µs/cm	1600 Max.	117			
Total Dissolved Solids (TDS)	1000 Max.	76			
Total Hardness, ppm as CaCO ₃	300 Max.	69			
Calcium Hardness, ppm as CaCO ₃	200 Max.	62			
Chlorides (Cl ⁻), mg/l	250 Max.	37			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

ACTION:

The pH levels are high	⇒	Please maintain the desired control limit

INVENTORY LEVELS

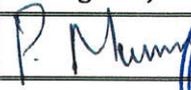
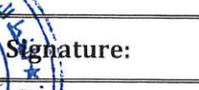
DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.		To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER		DATE: 13-10-2019	
SITE: ZAYED UNIVERSITY		Copy: SERCO		LOCATION: MDH, WASH ROOM	
WATER ANALYSIS					
PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.49			
Conductivity at 25°C, µs/cm	1600 Max.	119			
Total Dissolved Solids (TDS)	1000 Max.	77			
Total Hardness, ppm as CaCO ₃	300 Max.	56			
Calcium Hardness, ppm as CaCO ₃	200 Max.	50			
Chlorides (Cl ⁻), mg/l	250 Max.	32			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			
Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			
<i>All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)</i>					
COMMENTS:			ACTION:		
The pH and Conductivity/TDS are found satisfactory. ⇨			No action recommended.		
INVENTORY LEVELS			DOSAGE SCHEDULE		
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage	
			--		
Service Engineer: Murugaraaj			Client: Mr. MUHAMMED AFSHAR		
Signature: 			Signature: 		



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FDH, KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 – 9.2	8.47			
Conductivity at 25°C, µs/cm	1600 Max.	122			
Total Dissolved Solids (TDS)	1000 Max.	79			
Total Hardness, ppm as CaCO ₃	300 Max.	61			
Calcium Hardness, ppm as CaCO ₃	200 Max.	54			
Chlorides (Cl ⁻), mg/l	250 Max.	33			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

ACTION:

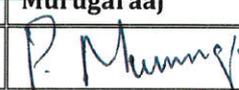
The pH and Conductivity/TDS are found satisfactory. ⇔ No action recommended.

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INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FDH, DINNING AREA

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.4			
Conductivity at 25°C, µs/cm	1600 Max.	120			
Total Dissolved Solids (TDS)	1000 Max.	78			
Total Hardness, ppm as CaCO ₃	300 Max.	71			
Calcium Hardness, ppm as CaCO ₃	200 Max.	66			
Chlorides (Cl ⁻), mg/l	250 Max.	43			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

ACTION:

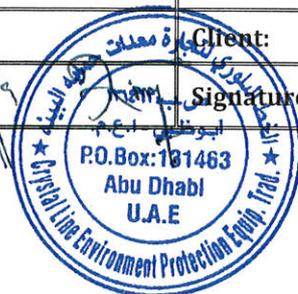
The pH and Conductivity/TDS are found satisfactory. ⇨ No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FR1, PANTRY

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.46			
Conductivity at 25°C, µs/cm	1600 Max.	119			
Total Dissolved Solids (TDS)	1000 Max.	78			
Total Hardness, ppm as CaCO ₃	300 Max.	63			
Calcium Hardness, ppm as CaCO ₃	200 Max.	56			
Chlorides (Cl ⁻), mg/l	250 Max.	30			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

The pH and Conductivity/TDS are found satisfactory. ⇨

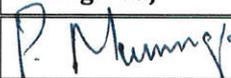
ACTION:

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	

Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR
Signature:		Signature:	



CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FR 1 , CATERING KITCHEN

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.31			
Conductivity at 25°C, µs/cm	1600 Max.	121			
Total Dissolved Solids (TDS)	1000 Max.	79			
Total Hardness, ppm as CaCO ₃	300 Max.	59			
Calcium Hardness, ppm as CaCO ₃	200 Max.	56			
Chlorides (Cl ⁻), mg/l	250 Max.	41			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇨ No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:	<i>P. Murugaraaj</i>	Signature:		





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FSP, WASH ROOM

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.24			
Conductivity at 25°C, µs/cm	1600 Max.	121			
Total Dissolved Solids (TDS)	1000 Max.	83			
Total Hardness, ppm as CaCO ₃	300 Max.	66			
Calcium Hardness, ppm as CaCO ₃	200 Max.	58			
Chlorides (Cl ⁻), mg/l	250 Max.	42			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals					
Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:	ACTION:
The pH and Conductivity/TDS are found satisfactory. ⇨	No action recommended.

INVENTORY LEVELS			DOSAGE SCHEDULE	
Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		





CONSULTING SERVICE REPORT

CUSTOMER: SERCO FACILITY MANAGEMENT.	To: MR. MUHAMMED AFSHAR OPERATIONS ENGINEER	DATE: 13-10-2019
SITE: ZAYED UNIVERSITY	Copy: SERCO	LOCATION: FSP, PANTRY

WATER ANALYSIS

PARAMETER	CONTROL LIMITS	HOT WATER			
pH at 25°C	7.0 - 9.2	8.20			
Conductivity at 25°C, µs/cm	1600 Max.	120			
Total Dissolved Solids (TDS)	1000 Max.	78			
Total Hardness, ppm as CaCO ₃	300 Max.	59			
Calcium Hardness, ppm as CaCO ₃	200 Max.	52			
Chlorides (Cl ⁻), mg/l	250 Max.	30			
Sulphate (SO ₄), mg/l	250 Max.	<10			
Copper (Cu), mg/l	1 Max.	<0.05			
Aluminum (Al), mg/l	0.2 Max.	<0.05			
Zinc (Zn), mg/l	5 Max.	<0.05			
Nitrate (NO ₃ -N) mg/l	50 Max.	<1.0			
Nitrite (NO ₂ -) mg/l	3.0 Max.	<0.1			
Fluorides (F)	1.5 Max.	<0.05			
Potassium (K)	12 Max.	<5.0			

Treatment Residuals

Odor	Unobjectionabl	ND			
Turbidity in NTU	4.0 Max.	<1			

All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos)

COMMENTS:

ACTION:

The pH and Conductivity/TDS are found satisfactory. ⇨

No action recommended.

INVENTORY LEVELS

DOSAGE SCHEDULE

Chemical	Quantity	Chemical	Present Dosage	Revised Dosage
			--	
Service Engineer:	Murugaraaj	Client:	Mr. MUHAMMED AFSHAR	
Signature:		Signature:		

