

TEST REPORT

Report No: QMTL/R-175531/2021

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|--|------------------------------------|--------------------|---------------------------|
| CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates | | Sample ID | QMTL/S-175531 |
| ATTN : MR. JASMAN PINTO | | Date Received | 14 Aug 2021 |
| | | Date(s) Tested | 15 Aug 2021 - 17 Aug 2021 |
| | | Date Reported | 01 Sep 2021 |
| Sample Description | P2, Kitchen Cooking Area Hot Water | | |
| Sample Type | Water | Sampling Method | QMTL-WI-15 |
| Client Name/Project | NP | Sampled By | QMTL Representative |
| Location | Healthpoint Hospital, Abu Dhabi | Sampling Date/Time | 14.08.2021 / 11:10 AM |
| Sample Container | 1x500ml PB | Sampling Point | Tap (Kitchen) |
| Sample Receipt Temp | 4°C | Sample Onsite Temp | 43.8°C |
| Sample Appearance | Clear | On-site Treatment | NA |
| Reference | NP | | |

TEST RESULTS

| PARAMETERS | TEST METHODS | UNITS | GUIDELINES | RESULTS |
|-----------------------------------|---------------------------|------------|------------|---------|
| MICROBIOLOGICAL PARAMETERS | | | | |
| Total Bacterial Count* | APHA 9215 B -23rd Edition | CFU/ml | 100 | 4 |
| Total Coliforms* | APHA 9222 B -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 |
| E.coli* | APHA 9222 I -23rd Edition | CFU/100 ml | Zero | Zero |

The Analysis results denoted by (*) are part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

| | |
|---|---|
| Remarks | The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only. |
| Keywords | CFU: Colony Forming Unit, APHA: American Public Health Association, HAAD: The Health -Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction |
| Test method deviation | None |
| Test performed by Emp# | 103 & 14 |
| Report prepared by Emp# | 72 |
| The above test results are only applicable to the sample(s) referred above. | |

Reported By
FAIZUR RAHMAN
TECHNICAL MANAGER

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END OF REPORT

TEST REPORT

Report No: QMTL/R-175516/2021

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|--|------------------------------------|--------------------|---------------------------|
| CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates | | Sample ID | QMTL/S-175516 |
| ATTN : MR. JASMAN PINTO | | Date Received | 14 Aug 2021 |
| | | Date(s) Tested | 14 Aug 2021 - 24 Aug 2021 |
| | | Date Reported | 01 Sep 2021 |
| Sample Description | P2, Kitchen Cooking Area Hot Water | | |
| Sample Type | Water | Sampling Method | QMTL-WI-16 |
| Client Name/Project | NP | Sampled By | QMTL Representative |
| Location | Healthpoint Hospital, Abu Dhabi | Sampling Date/Time | 14.08.2021 / 11:10 AM |
| Sample Container | 1x1L PB | Sampling Point | Tap (Kitchen) |
| Sample Receipt Temp | 21°C | Sample Onsite Temp | 43.8°C |
| Sample Appearance | Clear | On-site Treatment | NA |
| Reference | NP | | |

TEST RESULTS

| PARAMETERS | TEST METHODS | UNITS | GUIDELINES | RESULTS |
|--|---|-----------|------------|---------|
| LEGIONELLA ANALYSIS | | | | |
| Legionella* | ISO 11731:2017 E (Matrix A-Procedure-5) | CFU/litre | <1 | <1 |
| Legionella Species | ISO 11731:2017 E | - | - | Absent |
| Legionella pneumophila sero group 1 | ISO 11731:2017 E | - | - | Absent |
| Legionella pneumophila sero group 2-15 | ISO 11731:2017 E | - | - | Absent |

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

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| Remarks | The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only. |
|---------|--|

| | |
|----------|---|
| Keywords | CFU: Colony Forming Unit, ISO: International Organization for Standardization, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction, BCYE: Buffered Charcoal Yeast Extract, Culture Media :- BCYE Agar |
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|-----------------------|------|
| Test method deviation | None |
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|------------------------|----------|
| Test performed by Emp# | 103 & 14 |
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| Report prepared by Emp# | 72 |
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TEST REPORT

Report No: QMTL/R-175532/2021

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|--|-------------------------------------|--------------------|---------------------------|
| CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates | | Sample ID | QMTL/S-175532 |
| ATTN : MR. JASMAN PINTO | | Date Received | 14 Aug 2021 |
| | | Date(s) Tested | 15 Aug 2021 - 17 Aug 2021 |
| | | Date Reported | 01 Sep 2021 |
| Sample Description | P2, Kitchen Cooking Area Cold Water | | |
| Sample Type | Water | Sampling Method | QMTL-WI-15 |
| Client Name/Project | NP | Sampled By | QMTL Representative |
| Location | Healthpoint Hospital, Abu Dhabi | Sampling Date/Time | 14.08.2021 / 11:20 AM |
| Sample Container | 1x500ml PB | Sampling Point | Tap (Kitchen) |
| Sample Receipt Temp | 4°C | Sample Onsite Temp | 21.9°C |
| Sample Appearance | Clear | On-site Treatment | NA |
| Reference | NP | | |

TEST RESULTS

| PARAMETERS | TEST METHODS | UNITS | GUIDELINES | RESULTS |
|-----------------------------------|---------------------------|------------|------------|---------|
| MICROBIOLOGICAL PARAMETERS | | | | |
| Total Bacterial Count* | APHA 9215 B -23rd Edition | CFU/ml | 100 | 2 |
| Total Coliforms* | APHA 9222 B -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 |
| E.coli* | APHA 9222 I -23rd Edition | CFU/100 ml | Zero | Zero |

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| Remarks | The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only. |
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| Keywords | CFU: Colony Forming Unit, APHA: American Public Health Association, HAAD: The Health –Authority- Abu Dhabi, EHSMS: Environment, Health and Safety Management System, NP: Not Provided, NA: Not Applicable, WI: Work Instruction |
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|-----------------------|------|
| Test method deviation | None |
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| Test performed by Emp# | 103 & 14 |
|------------------------|----------|

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| Report prepared by Emp# | 72 |
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TEST REPORT

Report No: QMTL/R-175517/2021

| | | | |
|---|--|--------------------|---------------------------|
| CLIENT : CRYSTALLINE ENVIRONMENTAL SERVICES Abu Dhabi PO Box : 131463 United Arab Emirates | | Sample ID | QMTL/S-175517 |
| ATTN : MR. JASMAN PINTO | | Date Received | 14 Aug 2021 |
| | | Date(s) Tested | 14 Aug 2021 - 24 Aug 2021 |
| | | Date Reported | 01 Sep 2021 |
| Sample Description | P1, Kitchen Cooking Area Cold Water | | |
| Sample Type | Water | Sampling Method | QMTL-WI-16 |
| Client Name/Project | NP | Sampled By | QMTL Representative |
| Location | Healthpoint Hospital, Abu Dhabi | Sampling Date/Time | 14.08.2021 / 11:20 AM |
| Sample Container | 1x1L PB | Sampling Point | Tap (Kitchen) |
| Sample Receipt Temp | 21°C | Sample Onsite Temp | 21.9°C |
| Sample Appearance | Clear | On-site Treatment | NA |
| Reference | NP | | |

TEST RESULTS

| PARAMETERS | TEST METHODS | UNITS | GUIDELINES | RESULTS |
|--|---|-----------|------------|---------------|
| LEGIONELLA ANALYSIS | | | | |
| Legionella* | ISO 11731:2017 E (Matrix A-Procedure-5) | CFU/litre | <1 | <1 |
| Legionella Species | ISO 11731:2017 E | - | - | Absent |
| Legionella pneumophila sero group 1 | ISO 11731:2017 E | - | - | Absent |
| Legionella pneumophila sero group 2-15 | ISO 11731:2017 E | - | - | Absent |

The Analysis result denoted by (*) is part of the laboratory ENAS Accreditation to ISO/IEC 17025 : 2017.

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| Remarks | The sample meets HAAD EHSMS Standard for Healthcare Providers (HAAD/HSED/ST/0012/HS_EHSMS) Water Quality Regulations 2011 requirements for potable water with respect to the above tests only. |
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