



CERTIFICATE OF ANALYSIS

Client: Mark Bocy
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Work Order Number: 312599
PO #: 706LW1736503
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Mike Lavallee

Date Order Received: 8/1/2017
Arrival Temperature: 12 °C

Analysis Started: 8/9/2017
Analysis Completed: 8/10/2017

WORK ORDER SUMMARY

ANALYSES WERE PERFORMED ON THE FOLLOWING SAMPLES. THE RESULTS RELATE ONLY TO THE ITEMS TESTED.

| Sample Description | Lab ID | Matrix | Type | Comments | Date Collected | Time Collected |
|--------------------|--------|--------|----------|----------|----------------|----------------|
| 125-F-001(S) | 901774 | Water | Plumbing | | 7/31/2017 | 8:00 AM |
| 125-F-001(F) | 901775 | Water | Plumbing | | 7/31/2017 | 8:35 AM |
| 125-T-001(S) | 901776 | Water | Plumbing | | 7/31/2017 | 8:02 AM |
| 125-T-001(F) | 901777 | Water | Plumbing | | 7/31/2017 | 8:37 AM |
| 125-B/F-001(S) | 901778 | Water | Plumbing | | 7/31/2017 | 8:04 AM |
| 125-B/F-001(F) | 901779 | Water | Plumbing | | 7/31/2017 | 8:39 AM |
| 125-F-003(S) | 901780 | Water | Plumbing | | 7/31/2017 | 8:10 AM |
| 125-F-003(F) | 901781 | Water | Plumbing | | 7/31/2017 | 8:45 AM |
| 125-T-005(S) | 901782 | Water | Plumbing | | 7/31/2017 | 8:15 AM |
| 125-T-005(F) | 901783 | Water | Plumbing | | 7/31/2017 | 8:50 AM |

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

| Method | Lab | Description | Reference |
|--------------------------|--------|--|----------------------|
| ICPMS Reg. Water (R13.1) | Garson | Determination of Metals in Water by ICP/MS | Based on SW846-6020A |

REPORT COMMENTS

STANDING: in excess of 6 hrs.



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Mark Charbonneau, Ph.D.
Metals Section Head



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WORK ORDER RESULTS

| Sample Description | 125 - F - 001(S) | | 125 - F - 001(F) | | 125 - T - 001(S) | | 125 - T - 001(F) | | Units | Criteria: O.Reg. 243/07 |
|--------------------|------------------|-----|------------------|-----|------------------|-----|------------------|-----|-------|-------------------------|
| Lab ID | 901774 | | 901775 | | 901776 | | 901777 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | | |
| Lead | 3.21 | 0.1 | 2.37 | 0.1 | 0.94 | 0.1 | 0.58 | 0.1 | ug/L | 10 |

| Sample Description | 125 - B/F - 001(S) | | 125 - B/F - 001(F) | | 125 - F - 003(S) | | 125 - F - 003(F) | | Units | Criteria: O.Reg. 243/07 |
|--------------------|--------------------|-----|--------------------|-----|------------------|-----|------------------|-----|-------|-------------------------|
| Lab ID | 901778 | | 901779 | | 901780 | | 901781 | | | |
| Metals | Result | MDL | Result | MDL | Result | MDL | Result | MDL | | |
| Lead | <0.1 | 0.1 | <0.1 | 0.1 | 2.36 | 0.1 | 0.56 | 0.1 | ug/L | 10 |

| Sample Description | 125 - T - 005(S) | | 125 - T - 005(F) | | Units | Criteria: O.Reg. 243/07 |
|--------------------|------------------|-----|------------------|-----|-------|-------------------------|
| Lab ID | 901782 | | 901783 | | | |
| Metals | Result | MDL | Result | MDL | | |
| Lead | 7.15 | 0.1 | 1.54 | 0.1 | ug/L | 10 |

LEGEND

Dates: Dates are formatted as mm/dd/year throughout this report.

MDL: Method detection limit or minimum reporting limit.

Quality Control: All associated Quality Control data is available on request.

LCL: Lower Control Limit.

UCL: Upper Control Limit.

QAQCID: This is a unique reference to the quality control data set used to generate the reported value. Contact our lab for this information, as it is traceable through our LIMS.



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QUALITY CONTROL DATA

THIS SECTION REPORTS QC RESULTS ASSOCIATED WITH THE TEST BATCH; THESE ARE NOT YOUR SAMPLE RESULTS.
QAQC details include only values where sufficient sample data allowed measurement.

| Metals | | | | | | | |
|-------------------------|-----|-------|-----|--------|-----|------------------|--|
| %RPD | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % | 0 | 2.9 | 20 | 20170810.R13-9r1 | |
| Method Blank | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | 1 | ug/L | 0 | <1 | 1 | 20170810.R13-9r1 | |
| Positive Control | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % | 80 | 94.3 | 120 | 20170810.R13-9r1 | |
| Reference Sample | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % Rec | 80 | 97.6 | 120 | 20170810.R13-9r1 | |
| Sample Spike | | | | | | | |
| Parameter | MDL | Units | LCL | Result | UCL | QAQCID | |
| Lead | N/A | % Rec | 70 | 87.3 | 130 | 20170810.R13-9r1 | |



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THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

| Sample Description | Lab ID | Method | QAQCID | Prep QAQCID |
|--------------------|--------|--------------------------|------------------|---------------|
| 125 - B/F - 001(F) | 901779 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - B/F - 001(S) | 901778 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - F - 001(F) | 901775 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - F - 001(S) | 901774 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - F - 003(F) | 901781 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - F - 003(S) | 901780 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - T - 001(F) | 901777 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - T - 001(S) | 901776 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - T - 005(F) | 901783 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |
| 125 - T - 005(S) | 901782 | ICPMS Reg. Water (R13.1) | 20170810.R13-9r1 | 20170809.R52K |