



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 411878
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500039131
Sampled By: Carol Koziar

Date Order Received: 9/22/2020
Arrival Temperature: 9 °C

Analysis Started: 9/28/2020
Analysis Completed: 9/28/2020

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
STANDING-BF1 BY SECRETARY OFFICE	1578057	Water	Plumbing		9/22/2020	7:00 AM
FLUSHED-BF1 BY SECRETARY OFFICE	1578058	Water	Plumbing		9/22/2020	7:35 AM
STANDING-S-1 ROOM 2 STAFF ROOM	1578059	Water	Plumbing		9/22/2020	7:05 AM
FLUSHED-S-1 ROOM 2 STAFF ROOM	1578060	Water	Plumbing		9/22/2020	7:40 AM
STANDING-S-2 ROOM 9 DAYCARE	1578061	Water	Plumbing		9/22/2020	7:10 AM
FLUSHED-S-2 ROOM 9 DAYCARE	1578062	Water	Plumbing		9/22/2020	7:45 AM
STANDING-S-4 ROOM 11 KITCHEN	1578063	Water	Plumbing		9/22/2020	7:15 AM
FLUSHED-S-4 ROOM 11 KITCHEN	1578064	Water	Plumbing		9/22/2020	7:50 AM

METHODS AND INSTRUMENTATION

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

Method	Lab	Description	Reference
ICPMS Reg. Water (A13)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A



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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	STANDING - BF1 BY SECRETARY OFFICE		FLUSHED - BF1 BY SECRETARY OFFICE		STANDING - S - 1 ROOM 2 STAFF ROOM		FLUSHED - S - 1 ROOM 2 STAFF ROOM			
Sample Date	9/22/2020 7:00 AM		9/22/2020 7:35 AM		9/22/2020 7:05 AM		9/22/2020 7:40 AM			
Lab ID	1578057		1578058		1578059		1578060			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	STANDING - S - 2 ROOM 9 DAYCARE		FLUSHED - S - 2 ROOM 9 DAYCARE		STANDING - S - 4 ROOM 11 KITCHEN		FLUSHED - S - 4 ROOM 11 KITCHEN			
Sample Date	9/22/2020 7:10 AM		9/22/2020 7:45 AM		9/22/2020 7:15 AM		9/22/2020 7:50 AM			
Lab ID	1578061		1578062		1578063		1578064			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.7	0.1	0.4	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.

Field Data: Reports containing Field Parameters represent data that has been collected and provided by the client. Testmark is not responsible for the validity of this data which may be used in subsequent calculations.

Sample Condition Deviations: A noted sample condition deviation may affect the validity of the result. Results apply to the sample(s) as received.



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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

Method Blank: LRB-6 (Blank) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	0.1	ug/L	0	<0.1	1	20200928.A13.1G

Positive Control: LFB-7 (N 100 µg/L) (7)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	97.9	120	20200928.A13.1G

Reference Sample: CRM-12 (EP-L-3) (12)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.12	5.44	20200928.A13.1G

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	94.9	130	20200928.A13.1G

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
FLUSHED - BF1 BY SECRETARY OFFICE	1578058	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
FLUSHED - S - 1 ROOM 2 STAFF ROOM	1578060	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
FLUSHED - S - 2 ROOM 9 DAYCARE	1578062	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
FLUSHED - S - 4 ROOM 11 KITCHEN	1578064	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
STANDING - BF1 BY SECRETARY OFFICE	1578057	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
STANDING - S - 1 ROOM 2 STAFF ROOM	1578059	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
STANDING - S - 2 ROOM 9 DAYCARE	1578061	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z
STANDING - S - 4 ROOM 11 KITCHEN	1578063	ICPMS Reg. Water (A13)	20200928.A13.1G	20200925.A52Z