



CERTIFICATE OF ANALYSIS

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Work Order Number: 442532
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045956
Sampled By: illegible

Date Order Received: 9/15/2021
Arrival Temperature: 7 °C

Analysis Started: 9/23/2021
Analysis Completed: 9/24/2021

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-Bf-02 Beside 213	1683604	Water	Plumbing		9/14/2021	6:00 AM
Flushed-Bf-02 Beside 213	1683605	Water	Plumbing		9/14/2021	6:35 AM
Standing-BF-3 by 317	1683606	Water	Plumbing		9/14/2021	6:05 AM
Flushed-BF-3 by 317	1683607	Water	Plumbing		9/14/2021	6:40 AM
Standing-T-7 room 207	1683608	Water	Plumbing		9/14/2021	6:10 AM
Flushed-T-7 room 207	1683609	Water	Plumbing		9/14/2021	6:45 AM
Standing-T-8 Room 210	1683610	Water	Plumbing		9/14/2021	6:15 AM
Flushed-T-8 Room 210	1683611	Water	Plumbing		9/14/2021	6:50 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



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Mahesh Patel, B.Sc.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - Bf - 02 Beside 213		Flushed - Bf - 02 Beside 213		Standing - BF - 3 by 317		Flushed - BF - 3 by 317			
Sample Date	9/14/2021 6:00 AM		9/14/2021 6:35 AM		9/14/2021 6:05 AM		9/14/2021 6:40 AM			
Lab ID	1683604		1683605		1683606		1683607			
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 - T - 7 room 207		Flushed - T - 7 room 207		Standing - T - 8 Room 210		Flushed - T - 8 Room 210			
Sample Date	9/14/2021 6:10 AM		9/14/2021 6:45 AM		9/14/2021 6:15 AM		9/14/2021 6:50 AM			
Lab ID	1683608		1683609		1683610		1683611			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.5	0.1	<0.1	0.1	0.8	0.1	<0.1	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	20210923.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20210923.A13.1I
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.8	120	20210923.A13.1B
Lead	N/A	%	80	95.8	120	20210924.A13.1D
Lead	N/A	%	80	99.9	120	20210923.A13.1I

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.91	5.38	20210923.A13.1B
Lead	1	ug/L	2.58	3.97	5.38	20210924.A13.1D
Lead	1	ug/L	2.58	4.29	5.38	20210923.A13.1I

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	103	130	20210923.A13.1I
Lead	N/A	% Rec	70	88.1	130	20210923.A13.1B
Lead	N/A	% Rec	70	90.3	130	20210924.A13.1D



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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
Flushed - Bf - 02 Beside 213	1683605	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - BF - 3 by 317	1683607	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Flushed - T - 7 room 207	1683609	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - T - 8 Room 210	1683611	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - Bf - 02 Beside 213	1683604	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - BF - 3 by 317	1683606	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - T - 7 room 207	1683608	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - T - 8 Room 210	1683610	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V