



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

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Work Order Number: 442600  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500044435  
Sampled By: Joe M

Date Order Received: 9/15/2021  
Arrival Temperature: 11.5 °C

Analysis Started: 9/24/2021  
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-S1 Room 9	1683844	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S1 Room 9	1683845	Water	Plumbing		9/14/2021	7:05 AM
Standing-BF 02 by Room 8	1683846	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF 02 by Room 8	1683847	Water	Plumbing		9/14/2021	7:05 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:

Mahesh Patel, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - S1 Room 9		Flushed - S1 Room 9		Standing - BF 02 by Room 8		Flushed - BF 02 by Room 8			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM		9/14/2021 6:30 AM		9/14/2021 7:05 AM			
Lab ID	1683844		1683845		1683846		1683847			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.2	0.1	0.1	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	20210924.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1E
Lead	0.1	ug/L	0	<0.1	1	20210924.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.2	120	20210924.A13.1E
Lead	N/A	%	80	96.3	120	20210924.A13.1F
Lead	N/A	%	80	96.6	120	20210924.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.89	5.38	20210924.A13.1C
Lead	1	ug/L	2.58	3.99	5.38	20210924.A13.1E
Lead	1	ug/L	2.58	4.02	5.38	20210924.A13.1F

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210924.A13.1F
Lead	N/A	% Rec	70	91.5	130	20210924.A13.1E
Lead	N/A	% Rec	70	91.9	130	20210924.A13.1C



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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 by Room 8	1683847	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S1 Room 9	1683845	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF 02 by Room 8	1683846	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S1 Room 9	1683844	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U