



## CERTIFICATE OF ANALYSIS

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Work Order Number: 442605  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500040366  
Sampled By: Rob Lisi

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-BF02 by room 106	1683864	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF02 by room 106	1683865	Water	Plumbing		9/14/2021	7:05 AM
Standing-S3 Room 115	1683866	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S3 Room 115	1683867	Water	Plumbing		9/14/2021	7:05 AM
Standing-BF04 by room 117	1683868	Water	Plumbing		9/14/2021	6:35 AM
Flushed-BF04 by room 117	1683869	Water	Plumbing		9/14/2021	7:10 AM
Standing-S4 room 114	1683870	Water	Plumbing		9/14/2021	6:35 AM
Flushed-S4 room 114	1683871	Water	Plumbing		9/14/2021	7:10 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 - BF02 by room 106		Flushed - BF02 by room 106		Standing - S3 Room 115		Flushed - S3 Room 115			
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	1683864		1683865		1683866		1683867			
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	0.1	ug/L	10

  

Sample Description	Standing - BF04 by room 117		Flushed - BF04 by room 117		Standing - S4 room 114		Flushed - S4 room 114			
Sample Date	9/14/2021 6:35 AM		9/14/2021 7:10 AM		9/14/2021 6:35 AM		9/14/2021 7:10 AM			
Lab ID	1683868		1683869		1683870		1683871			
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	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.

[ ]: Results for laboratory replicates are shown in square brackets immediately below the associated sample result for ease of comparison.

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.A13.1D
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	95.8	120	20210924.A13.1D
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	3.97	5.38	20210924.A13.1D
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	90.3	130	20210924.A13.1D
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 - BF02 by room 106	1683865	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Flushed - BF02 by room 106	1683865r	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Flushed - BF04 by room 117	1683869	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S3 Room 115	1683867	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Flushed - S4 room 114	1683871	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Standing - BF02 by room 106	1683864	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF04 by room 117	1683868	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S3 Room 115	1683866	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S4 room 114	1683870	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S4 room 114	1683870r	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M