



CERTIFICATE OF ANALYSIS

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Work Order Number: 442588
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045930
Sampled By: Alain Venne

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-BF 3 by room 203	1683791	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF 3 by room 203	1683792	Water	Plumbing		9/14/2021	7:05 AM
Standing-S1 Left Room 222	1683793	Water	Plumbing		9/14/2021	6:35 AM
Flushed-S1 Left Room 222	1683794	Water	Plumbing		9/14/2021	7:10 AM
Standing-S2 Right Room 222	1683795	Water	Plumbing		9/14/2021	6:35 AM
Flushed-S2 Right Room 222	1683796	Water	Plumbing		9/14/2021	7:10 AM
Standing-S8 Room 023	1683797	Water	Plumbing		9/14/2021	6:30 AM
Flushed-S8 Room 023	1683798	Water	Plumbing		9/14/2021	7:05 AM
Standing-BF 02 by Gym	1683799	Water	Plumbing		9/14/2021	6:30 AM
Flushed-BF 02 by Gym	1683800	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 - BF 3 by room 203		Flushed - BF 3 by room 203		Standing - S1 Left Room 222		Flushed - S1 Left Room 222			
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM		9/14/2021 6:35 AM		9/14/2021 7:10 AM			
Lab ID	1683791		1683792		1683793		1683794			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.5	0.1	0.1	0.1	ug/L	10
Sample Description	Standing - S2 Right Room 222		Flushed - S2 Right Room 222		Standing - S8 Room 023		Flushed - S8 Room 023			
Sample Date	9/14/2021 6:35 AM		9/14/2021 7:10 AM		9/14/2021 6:30 AM		9/14/2021 7:05 AM			
Lab ID	1683795		1683796		1683797		1683798			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.4	0.1	0.1	0.1	0.6	0.1	0.2	0.1	ug/L	10
Sample Description	Standing - BF 02 by Gym		Flushed - BF 02 by Gym							
Sample Date	9/14/2021 6:30 AM		9/14/2021 7:05 AM							
Lab ID	1683799		1683800							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	<0.1	0.1	<0.1	0.1	ug/L	10				



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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.A13.1D
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 - BF 02 by Gym	1683800	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - BF 3 by room 203	1683792	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S1 Left Room 222	1683794	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Flushed - S2 Right Room 222	1683796	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Flushed - S8 Room 023	1683798	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U
Standing - BF 02 by Gym	1683799	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - BF 3 by room 203	1683791	ICPMS Reg. Water (A13)	20210924.A13.1E	20210923.A52N
Standing - S1 Left Room 222	1683793	ICPMS Reg. Water (A13)	20210924.A13.1F	20210923.A52M
Standing - S2 Right Room 222	1683795	ICPMS Reg. Water (A13)	20210924.A13.1D	20210922.A52V
Standing - S8 Room 023	1683797	ICPMS Reg. Water (A13)	20210924.A13.1C	20210922.A52U