



CERTIFICATE OF ANALYSIS

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Work Order Number: 445728
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045618
Sampled By: Carol Koziar

Date Order Received: 10/18/2021
Arrival Temperature: 5.6 °C

Analysis Started: 10/21/2021
Analysis Completed: 10/22/2021

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 1 by room 209	1695670	Water	Plumbing		10/18/2021	6:30 AM
Flushed-BF 1 by room 209	1695671	Water	Plumbing		10/18/2021	7:05 AM
Standing-S-1 Room 217 Kindergarten	1695672	Water	Plumbing		10/18/2021	6:35 AM
Flushed-S-1 Room 217 Kindergarten	1695673	Water	Plumbing		10/18/2021	7:10 AM
Standing-S-2 Room 224 YMCA	1695674	Water	Plumbing		10/18/2021	6:40 AM
Flushed-S-2 Room 224 YMCA	1695675	Water	Plumbing		10/18/2021	7:15 AM
Standing-S-3 Room 223 YMCA	1695676	Water	Plumbing		10/18/2021	6:45 AM
Flushed-S-3 Room 223 YMCA	1695677	Water	Plumbing		10/18/2021	7:20 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 1 by room 209		Flushed - BF 1 by room 209		Standing - S - 1 Room 217 Kindergarten		Flushed - S - 1 Room 217 Kindergarten			
Sample Date	10/18/2021 6:30 AM		10/18/2021 7:05 AM		10/18/2021 6:35 AM		10/18/2021 7:10 AM			
Lab ID	1695670		1695671		1695672		1695673			
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 - S - 2 Room 224 YMCA		Flushed - S - 2 Room 224 YMCA		Standing - S - 3 Room 223 YMCA		Flushed - S - 3 Room 223 YMCA			
Sample Date	10/18/2021 6:40 AM		10/18/2021 7:15 AM		10/18/2021 6:45 AM		10/18/2021 7:20 AM			
Lab ID	1695674		1695675		1695676		1695677			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	0.2	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.

[]: 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	20211021.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20211022.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	96.3	120	20211022.A13.1C
Lead	N/A	%	80	98.6	120	20211021.A13.1D

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	20211022.A13.1C
Lead	1	ug/L	2.58	3.97	5.38	20211021.A13.1D

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	95.5	130	20211021.A13.1D
Lead	N/A	% Rec	70	95.5	130	20211022.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 1 by room 209	1695671	ICPMS Reg. Water (A13)	20211022.A13.1C	20211020.A52W
Flushed - BF 1 by room 209	1695671r	ICPMS Reg. Water (A13)	20211022.A13.1C	20211020.A52W
Flushed - S - 1 Room 217 Kindergarten	1695673	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Flushed - S - 2 Room 224 YMCA	1695675	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Flushed - S - 3 Room 223 YMCA	1695677	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Flushed - S - 3 Room 223 YMCA	1695677r	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Standing - BF 1 by room 209	1695670	ICPMS Reg. Water (A13)	20211022.A13.1C	20211020.A52W
Standing - S - 1 Room 217 Kindergarten	1695672	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Standing - S - 2 Room 224 YMCA	1695674	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S
Standing - S - 3 Room 223 YMCA	1695676	ICPMS Reg. Water (A13)	20211021.A13.1D	20211020.A52S