



CERTIFICATE OF ANALYSIS

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Work Order Number: 463577
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Jean-Marc Larche

Date Order Received: 5/24/2022
Arrival Temperature: 15 °C

Analysis Started: 5/26/2022
Analysis Completed: 5/26/2022

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- Daycare T-1 Rm 221	1756466	Water	Plumbing		5/23/2022	6:00 AM
Flushed- Daycare T-1 Rm 221	1756467	Water	Plumbing		5/23/2022	6:35 AM
Standing- Bf-02 by gym	1756468	Water	Plumbing		5/23/2022	6:05 AM
Flushed- Bf-02 by gym	1756469	Water	Plumbing		5/23/2022	6:40 AM
Standing- F-1 by 235	1756470	Water	Plumbing		5/23/2022	6:10 AM
Flushed- F-1 by 235	1756471	Water	Plumbing		5/23/2022	6:45 AM
Standing- F-2 by 221A	1756472	Water	Plumbing		5/23/2022	6:15 AM
Flushed- F-2 by 221A	1756473	Water	Plumbing		5/23/2022	6:50 AM
Standing- F-3 by 211	1756474	Water	Plumbing		5/23/2022	6:20 AM
Flushed- F-3 by 211	1756475	Water	Plumbing		5/23/2022	6:55 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 - Daycare T - 1 Rm 221		Flushed - Daycare T - 1 Rm 221		Standing - Bf - 02 by gym		Flushed - Bf - 02 by gym			
Sample Date	5/23/2022 6:00 AM		5/23/2022 6:35 AM		5/23/2022 6:05 AM		5/23/2022 6:40 AM			
Lab ID	1756466		1756467		1756468		1756469			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	<0.1	0.1	<0.1	0.1	<0.1 [<0.1]	0.1	ug/L	10
Sample Description	Standing - F - 1 by 235		Flushed - F - 1 by 235		Standing - F - 2 by 221A		Flushed - F - 2 by 221A			
Sample Date	5/23/2022 6:10 AM		5/23/2022 6:45 AM		5/23/2022 6:15 AM		5/23/2022 6:50 AM			
Lab ID	1756470		1756471		1756472		1756473			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	2.8	0.1	1.1	0.1	0.2	0.1	0.1	0.1	ug/L	10
Sample Description	Standing - F - 3 by 211		Flushed - F - 3 by 211							
Sample Date	5/23/2022 6:20 AM		5/23/2022 6:55 AM							
Lab ID	1756474		1756475							
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07				
Lead	<0.1	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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ICPMS Dustfall Insoluble: The ICPMS Dustfall Insoluble Portion method analyzes only the particulate matter from the Dustfall Sampler which is retained on the analysis filter during the Dustfall method.



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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	20220526.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20220526.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	103	120	20220526.A13.1F
Lead	N/A	%	80	99.8	120	20220526.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.23	5.38	20220526.A13.1D
Lead	1	ug/L	2.58	4.26	5.38	20220526.A13.1F

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92.5	130	20220526.A13.1D
Lead	N/A	% Rec	70	97.3	130	20220526.A13.1F



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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	1756469	ICPMS Reg. Water (A13)	20220526.A13.1D	20220525.A52ZQ
Flushed - Bf - 02 by gym	1756469r	ICPMS Reg. Water (A13)	20220526.A13.1D	20220525.A52ZQ
Flushed - Daycare T - 1 Rm 221	1756467	ICPMS Reg. Water (A13)	20220526.A13.1D	20220525.A52ZQ
Flushed - F - 1 by 235	1756471	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Flushed - F - 2 by 221A	1756473	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Flushed - F - 3 by 211	1756475	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Flushed - F - 3 by 211	1756475r	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Standing - Bf - 02 by gym	1756468	ICPMS Reg. Water (A13)	20220526.A13.1D	20220525.A52ZQ
Standing - Daycare T - 1 Rm 221	1756466	ICPMS Reg. Water (A13)	20220526.A13.1D	20220525.A52ZQ
Standing - F - 1 by 235	1756470	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Standing - F - 2 by 221A	1756472	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS
Standing - F - 3 by 211	1756474	ICPMS Reg. Water (A13)	20220526.A13.1F	20220525.A52ZS