



CERTIFICATE OF ANALYSIS

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Work Order Number: 498964
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Jean-Marc Larche

Date Order Received: 5/15/2023
Arrival Temperature: 12 °C

Analysis Started: 5/16/2023
Analysis Completed: 5/17/2023

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	1879607	Water	Plumbing		5/15/2023	6:00 AM
Flushing - Daycare T-1 rm 221	1879608	Water	Plumbing		5/15/2023	6:35 AM
Standing - T-2 rm 216	1879609	Water	Plumbing		5/15/2023	6:05 AM
Flushing - T-2 rm 216	1879610	Water	Plumbing		5/15/2023	6:40 AM
Standing - BF1 by 229	1879611	Water	Plumbing		5/15/2023	6:10 AM
Flushing - BF1 by 229	1879612	Water	Plumbing		5/15/2023	6:45 AM
Standing - BF2 beside gym	1879613	Water	Plumbing		5/15/2023	6:15 AM
Flushing - BF2 beside gym	1879614	Water	Plumbing		5/15/2023	6:50 AM

METHODS AND INSTRUMENTATION

THE FOLLOWING METHODS WERE USED FOR YOUR SAMPLE(S):

Method	Lab	Description	Reference
ICPMS Reg. Water (A13.1)	Garson	Determination of Metals in Water by ICP/MS	Modified from SW846-6020A



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This report has been approved by:

Brad Halvorson, B.Sc.

Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - Daycare T - 1 rm 221		Flushing - Daycare T - 1 rm 221		Standing - T - 2 rm 216		Flushing - T - 2 rm 216		Units	Criteria: O.Reg. 243/07
Sample Date	5/15/2023 6:00 AM		5/15/2023 6:35 AM		5/15/2023 6:05 AM		5/15/2023 6:40 AM			
Lab ID	1879607		1879608		1879609		1879610			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	0.1	0.1	<0.1	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - BF1 by 229		Flushing - BF1 by 229		Standing - BF2 beside gym		Flushing - BF2 beside gym		Units	Criteria: O.Reg. 243/07
Sample Date	5/15/2023 6:10 AM		5/15/2023 6:45 AM		5/15/2023 6:15 AM		5/15/2023 6:50 AM			
Lab ID	1879611		1879612		1879613		1879614			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL		
Lead	<0.1	0.1	<0.1	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.

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.

Reproduction of Report: Report shall not be reproduced, except in full, without the approval of Testmark Laboratories Ltd.

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.

Regulation Comparisons: Disclaimer: Please note that regulation criteria are provided for comparative purposes, however the onus on ensuring the validity of this comparison rests with the client.



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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	0.3	20230517.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	85	111	115	20230517.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.49	5.38	20230517.A13.1C

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	108	130	20230517.A13.1C

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flushing - BF1 by 229	1879612	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Flushing - BF2 beside gym	1879614	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Flushing - Daycare T - 1 rm 221	1879608	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Flushing - T - 2 rm 216	1879610	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Standing - BF1 by 229	1879611	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Standing - BF2 beside gym	1879613	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Standing - Daycare T - 1 rm 221	1879607	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN
Standing - T - 2 rm 216	1879609	ICPMS Reg. Water (A13.1)	20230517.A13.1C	20230516.A52ZN