



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 462742
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046021
Sampled By: Lisa Polano

Date Order Received: 5/16/2022
Arrival Temperature: 8.4 °C

Analysis Started: 5/18/2022
Analysis Completed: 5/18/2022

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 23	1753572	Water	Plumbing		5/15/2022	6:00 AM
Flushed-Daycare T-1 Rm 23	1753573	Water	Plumbing		5/15/2022	6:35 AM
Standing-T-4 Rm 19	1753574	Water	Plumbing		5/15/2022	6:05 AM
Flushed-T-4 Rm 19	1753575	Water	Plumbing		5/15/2022	6:40 AM
Standing-T-5 Rm 20	1753576	Water	Plumbing		5/15/2022	6:10 AM
Flushed-T-5 Rm 20	1753577	Water	Plumbing		5/15/2022	6:45 AM
Standing-F-1 by 16C	1753578	Water	Plumbing		5/15/2022	6:15 AM
Flushed-F-1 by 16C	1753579	Water	Plumbing		5/15/2022	6:50 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 23		Flushed - Daycare T - 1 Rm 23		Standing - T - 4 Rm 19		Flushed - T - 4 Rm 19			
Sample Date	5/15/2022 6:00 AM		5/15/2022 6:35 AM		5/15/2022 6:05 AM		5/15/2022 6:40 AM			
Lab ID	1753572		1753573		1753574		1753575			
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	ug/L	10
Sample Description	Standing - T - 5 Rm 20		Flushed - T - 5 Rm 20		Standing - F - 1 by 16C		Flushed - F - 1 by 16C			
Sample Date	5/15/2022 6:10 AM		5/15/2022 6:45 AM		5/15/2022 6:15 AM		5/15/2022 6:50 AM			
Lab ID	1753576		1753577		1753578		1753579			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.8	0.1	0.3 [0.3]	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.

[]: 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.

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.



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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	20220518.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20220518.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	102	120	20220518.A13.1B
Lead	N/A	%	80	99.3	120	20220518.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.12	5.38	20220518.A13.1D
Lead	1	ug/L	2.58	4.21	5.38	20220518.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92.1	130	20220518.A13.1B
Lead	N/A	% Rec	70	96.9	130	20220518.A13.1D



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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 - Daycare T - 1 Rm 23	1753573	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Flushed - F - 1 by 16C	1753579	ICPMS Reg. Water (A13)	20220518.A13.1D	20220517.A52ZB
Flushed - T - 4 Rm 19	1753575	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Flushed - T - 5 Rm 20	1753577	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Flushed - T - 5 Rm 20	1753577r	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Standing - Daycare T - 1 Rm 23	1753572	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Standing - F - 1 by 16C	1753578	ICPMS Reg. Water (A13)	20220518.A13.1D	20220517.A52ZB
Standing - F - 1 by 16C	1753578r	ICPMS Reg. Water (A13)	20220518.A13.1D	20220517.A52ZB
Standing - T - 4 Rm 19	1753574	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA
Standing - T - 5 Rm 20	1753576	ICPMS Reg. Water (A13)	20220518.A13.1B	20220517.A52ZA