



CERTIFICATE OF ANALYSIS

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Work Order Number: 442573
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046086
Sampled By: illegible

Date Order Received: 9/15/2021
Arrival Temperature: 7 °C

Analysis Started: 9/22/2021
Analysis Completed: 9/23/2021

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-Daycare T-4 Rm 8	1683743	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/15/2021	6:00 AM
Flushed-Daycare T-4 Rm 8	1683744	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	9/15/2021	6:35 AM
Standing-BF-02 by rm 17	1683745	Water	Plumbing		9/15/2021	6:05 AM
Flushed-BF-02 by rm 17	1683746	Water	Plumbing		9/15/2021	6:40 AM
Standing-BF-01 by Rm 1	1683747	Water	Plumbing		9/15/2021	6:10 AM
Flushed-BF-01 by Rm 1	1683748	Water	Plumbing		9/15/2021	6:45 AM
Standing-T-2 Rm 5A	1683749	Water	Plumbing		9/15/2021	6:15 AM
Flushed-T-2 Rm 5A	1683750	Water	Plumbing		9/15/2021	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

REPORT COMMENTS

Lead exceedance reported for samples 1683743 and 1683744. 092321 MLS



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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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 - 4 Rm 8		Flushed - Daycare T - 4 Rm 8		Standing - BF - 02 by rm 17		Flushed - BF - 02 by rm 17			
Sample Date	9/15/2021 6:00 AM		9/15/2021 6:35 AM		9/15/2021 6:05 AM		9/15/2021 6:40 AM			
Lab ID	1683743		1683744		1683745		1683746			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	38.9	0.1	19.0	0.1	<0.1	0.1	<0.1	0.1	ug/L	10
Sample Description	Standing - BF - 01 by Rm 1		Flushed - BF - 01 by Rm 1		Standing - T - 2 Rm 5A		Flushed - T - 2 Rm 5A			
Sample Date	9/15/2021 6:10 AM		9/15/2021 6:45 AM		9/15/2021 6:15 AM		9/15/2021 6:50 AM			
Lab ID	1683747		1683748		1683749		1683750			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	5.3	0.1	2.2	0.1	ug/L	10

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.

Exceedences: HIGHLIGHTED CELLS INDICATE THAT THE RESULT EXCEEDS A REGULATORY LIMIT. CALCULATED UNCERTAINTY ESTIMATIONS ARE NOT APPLIED FOR DETERMINING SAMPLE EXCEEDANCES.

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	20210922.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210923.A13.1B
Lead	0.1	ug/L	0	<0.1	1	20210923.A13.1I

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.8	120	20210923.A13.1B
Lead	N/A	%	80	96.6	120	20210922.A13.1D
Lead	N/A	%	80	99.9	120	20210923.A13.1I

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.91	5.38	20210923.A13.1B
Lead	1	ug/L	2.58	4.06	5.38	20210922.A13.1D
Lead	1	ug/L	2.58	4.29	5.38	20210923.A13.1I

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	103	130	20210923.A13.1I
Lead	N/A	% Rec	70	88.1	130	20210923.A13.1B
Lead	N/A	% Rec	70	95.7	130	20210922.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 - BF - 01 by Rm 1	1683748	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - BF - 02 by rm 17	1683746	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Flushed - Daycare T - 4 Rm 8	1683744	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Flushed - T - 2 Rm 5A	1683750	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - BF - 01 by Rm 1	1683747	ICPMS Reg. Water (A13)	20210923.A13.1B	20210921.A52Z
Standing - BF - 02 by rm 17	1683745	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - Daycare T - 4 Rm 8	1683743	ICPMS Reg. Water (A13)	20210923.A13.1I	20210922.A52X
Standing - T - 2 Rm 5A	1683749	ICPMS Reg. Water (A13)	20210922.A13.1D	20210921.A52W