



CERTIFICATE OF ANALYSIS

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Work Order Number: 442194
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046021
Sampled By: Lisa Polano

Date Order Received: 9/13/2021
Arrival Temperature: 6 °C

Analysis Started: 9/20/2021
Analysis Completed: 9/20/2021

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-1 Rm 23	1682230	Water	Plumbing		9/11/2021	6:00 AM
Flushed-Daycare T-1 Rm 23	1682231	Water	Plumbing		9/11/2021	6:35 AM
Standing-BF-01 by Rm 02	1682232	Water	Plumbing		9/11/2021	6:05 AM
Flushed-BF-01 by Rm 02	1682233	Water	Plumbing		9/11/2021	6:40 AM
Stnading-T-2 Rm 22	1682234	Water	Plumbing		9/11/2021	6:10 AM
Flushed-T-2 Rm 22	1682235	Water	Plumbing		9/11/2021	6:45 AM
Standing-T-3 Rm 21	1682236	Water	Plumbing		9/11/2021	6:15 AM
Flushed-T-3 Rm 21	1682237	Water	Plumbing		9/11/2021	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



TESTMARK Laboratories Ltd.

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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 - BF - 01 by Rm 02		Flushed - BF - 01 by Rm 02			
Sample Date	9/11/2021 6:00 AM		9/11/2021 6:35 AM		9/11/2021 6:05 AM		9/11/2021 6:40 AM			
Lab ID	1682230		1682231		1682232		1682233			
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 - 2 Rm 22		Flushed - T - 2 Rm 22		Standing - T - 3 Rm 21		Flushed - T - 3 Rm 21			
Sample Date	9/11/2021 6:10 AM		9/11/2021 6:45 AM		9/11/2021 6:15 AM		9/11/2021 6:50 AM			
Lab ID	1682234		1682235		1682236		1682237			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.2	0.1	0.3	0.1	<0.1	0.1	<0.1	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.

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	20210920.A13.1C
Lead	0.1	ug/L	0	<0.1	1	20210920.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.7	120	20210920.A13.1E
Lead	N/A	%	80	97.6	120	20210920.A13.1C

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.01	5.38	20210920.A13.1C
Lead	1	ug/L	2.58	4.1	5.38	20210920.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92.1	130	20210920.A13.1E
Lead	N/A	% Rec	70	96.9	130	20210920.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 - 01 by Rm 02	1682233	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Flushed - Daycare T - 1 Rm 23	1682231	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Flushed - T - 2 Rm 22	1682235	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Flushed - T - 3 Rm 21	1682237	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Standing - BF - 01 by Rm 02	1682232	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - Daycare T - 1 Rm 23	1682230	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - T - 3 Rm 21	1682236	ICPMS Reg. Water (A13)	20210920.A13.1C	20210915.A52U
Standing - T - 2 Rm 22	1682234	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V