



CERTIFICATE OF ANALYSIS

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Work Order Number: 411385
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Monique Lachance

Date Order Received: 9/16/2020
Arrival Temperature: 18 °C

Analysis Started: 9/21/2020
Analysis Completed: 9/21/2020

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	1576264	Water	Plumbing		9/16/2020	6:00 AM
Flushed - Daycare T-1 Rm 221	1576265	Water	Plumbing		9/16/2020	6:35 AM
Standing - T-2 RM 216	1576266	Water	Plumbing		9/16/2020	6:05 AM
Flushed - T-2 RM 216	1576267	Water	Plumbing		9/16/2020	6:40 AM
Standing - BF1 by 229	1576268	Water	Plumbing		9/16/2020	6:10 AM
Flushed - BF1 by 229	1576269	Water	Plumbing		9/16/2020	6:45 AM
Standing - BF2 Beside gym	1576270	Water	Plumbing		9/16/2020	6:15 AM
Flushed - BF2 Beside gym	1576271	Water	Plumbing		9/16/2020	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:

Brad Halvorson, 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 - T - 2 RM 216		Flushed - T - 2 RM 216			
Sample Date	9/16/2020 6:00 AM		9/16/2020 6:35 AM		9/16/2020 6:05 AM		9/16/2020 6:40 AM			
Lab ID	1576264		1576265		1576266		1576267			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.7 [0.6]	0.1	0.2	0.1	1.0	0.1	0.3	0.1	ug/L	10
Sample Description	Standing - BF1 by 229		Flushed - BF1 by 229		Standing - BF2 Beside gym		Flushed - BF2 Beside gym			
Sample Date	9/16/2020 6:10 AM		9/16/2020 6:45 AM		9/16/2020 6:15 AM		9/16/2020 6:50 AM			
Lab ID	1576268		1576269		1576270		1576271			
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

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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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	20200921.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	92.8	120	20200921.A13.1E

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.13	5.44	20200921.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	99.3	130	20200921.A13.1E

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 - BF1 by 229	1576269	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Flushed - BF2 Beside gym	1576271	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Flushed - Daycare T - 1 Rm 221	1576265	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Flushed - T - 2 RM 216	1576267	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - BF1 by 229	1576268	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - BF2 Beside gym	1576270	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - Daycare T - 1 Rm 221	1576264	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - Daycare T - 1 Rm 221	1576264r	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB
Standing - T - 2 RM 216	1576266	ICPMS Reg. Water (A13)	20200921.A13.1E	20200918.A52ZB