



CERTIFICATE OF ANALYSIS

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Work Order Number: 412996
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500046047
Sampled By: Carol Koziar

Date Order Received: 10/2/2020
Arrival Temperature: 9 °C

Analysis Started: 10/6/2020
Analysis Completed: 10/6/2020

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-BF 1 BY GYM	1582060	Water	Plumbing		10/2/2020	6:30 AM
FLUSHED-BF 1 BY GYM	1582061	Water	Plumbing		10/2/2020	7:05 AM
STANDING-S-6 ROOM 4 DAYCARE	1582062	Water	Plumbing		10/2/2020	6:35 AM
FLUSHED-S-6 ROOM 4 DAYCARE	1582063	Water	Plumbing		10/2/2020	7:10 AM
STANDING-S-7 ROOM 3 HUB	1582064	Water	Plumbing		10/2/2020	6:40 AM
FLUSHED-S-7 ROOM 3 HUB	1582065	Water	Plumbing		10/2/2020	7:15 AM
STANDING-S-2 17B KINDERGARTEN	1582066	Water	Plumbing		10/2/2020	6:45 AM
FLUSHED-S-2 17B KINDERGARTEN	1582067	Water	Plumbing		10/2/2020	7:20 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.

Committed to Quality and Service

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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 - BF 1 BY GYM		FLUSHED - BF 1 BY GYM		STANDING - S - 6 ROOM 4 DAYCARE		FLUSHED - S - 6 ROOM 4 DAYCARE		Units	Criteria: O.Reg. 243/07
Sample Date	10/2/2020 6:30 AM		10/2/2020 7:05 AM		10/2/2020 6:35 AM		10/2/2020 7:10 AM			
Lab ID	1582060		1582061		1582062		1582063			
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		
Sample Description	STANDING - S - 7 ROOM 3 HUB		FLUSHED - S - 7 ROOM 3 HUB		STANDING - S - 2 17B KINDERGARTEN		FLUSHED - S - 2 17B KINDERGARTEN		Units	Criteria: O.Reg. 243/07
Sample Date	10/2/2020 6:40 AM		10/2/2020 7:15 AM		10/2/2020 6:45 AM		10/2/2020 7:20 AM			
Lab ID	1582064		1582065		1582066		1582067			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.3	0.1	0.1	0.1	<0.1	0.1	<0.1	0.1		

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	20201006.A13.1K

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.7	120	20201006.A13.1K

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.64	4.05	5.44	20201006.A13.1K

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92.7	130	20201006.A13.1K

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 1 BY GYM	1582061	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
FLUSHED - S - 2 17B KINDERGARTEN	1582067	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
FLUSHED - S - 6 ROOM 4 DAYCARE	1582063	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
FLUSHED - S - 7 ROOM 3 HUB	1582065	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
STANDING - BF 1 BY GYM	1582060	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
STANDING - S - 2 17B KINDERGARTEN	1582066	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
STANDING - S - 6 ROOM 4 DAYCARE	1582062	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E
STANDING - S - 7 ROOM 3 HUB	1582064	ICPMS Reg. Water (A13)	20201006.A13.1K	20201004.A52E