



CERTIFICATE OF ANALYSIS

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Work Order Number: 375537
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500040301
Sampled By: Monique Lachance

Date Order Received: 6/19/2019
Arrival Temperature: 15 °C

Analysis Started: 6/23/2019
Analysis Completed: 6/24/2019

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 - Hall gym s/w	1449799	Water	Plumbing		6/19/2019	6:30 AM
Flushed - Hall gym s/w	1449800	Water	Plumbing		6/19/2019	7:05 AM
Stand. - Hall by gym N/E	1449801	Water	Plumbing	SAMPLE CONTAINED RESULT EXCEEDENCES.	6/19/2019	6:35 AM
Flush. - Hall by gym N/E	1449802	Water	Plumbing		6/19/2019	7:10 AM
Stand - Daycare 221	1449803	Water	Plumbing		6/19/2019	6:40 AM
Flush. - Daycare 221	1449804	Water	Plumbing		6/19/2019	7:15 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 sample 1449801. 06/24/19 JC



TESTMARK Laboratories Ltd.

Committed to Quality and Service

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This report has been approved by:

Mark Charbonneau, Ph.D.
Laboratory Director



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WORK ORDER RESULTS

Sample Description	Standing - Hall gym s/w		Flushed - Hall gym s/w		Stand. - Hall by gym N/E		Flush. - Hall by gym N/E			
Lab ID	1449799		1449800		1449801		1449802			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.2	0.1	0.3	0.1	32	0.1	1.4	0.1	ug/L	10

Sample Description	Stand - Daycare 221		Flush. - Daycare 221			
Lab ID	1449803		1449804			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	0.9	0.1	0.2	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.

Benzo(b)fluoranthene: Results for benzo(b)fluoranthene may include contributions from benzo(j)fluoranthene.

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.



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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- µg/L) (6)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	0	<1	1	20190624.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	87.2	120	20190624.A13.1B

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.66	4.35	20190624.A13.1B

Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	8.7	20	20190624.A13.1B

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.7	130	20190624.A13.1B

THIS INDEX SHOWS HOW YOUR SAMPLES ARE ASSOCIATED TO THE CONTROLS INCLUDED IN THE IDENTIFIED BATCHES.

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Flush. - Daycare 221	1449804	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Flush. - Hall by gym N/E	1449802	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Flushed - Hall gym s/w	1449800	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Stand - Daycare 221	1449803	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Stand. - Hall by gym N/E	1449801	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F
Standing - Hall gym s/w	1449799	ICPMS Reg. Water (A13)	20190624.A13.1B	20190623.A52F