



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

Client:	Mike Lavallee	Work Order Number:	375509
Company:	RDSB - Algonquin Rd. Public School	PO #:	
Address:	2650 Algonquin Road E Sudbury, ON, P3E 4X6	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 929-4787 / (705) 761-2442	Project #:	
Email:	lavallm@rainbowschools.ca	DWS #:	500044435
		Sampled By:	Mark Bocy
Date Order Received:	6/18/2019	Analysis Started:	6/23/2019
Arrival Temperature:	21 °C	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
T DC 20 (STANDING)	1449686	Water	Plumbing		6/18/2019	6:00 AM
T DC 20 (FLUSHED)	1449687	Water	Plumbing		6/18/2019	6:35 AM
F 25 (C) S	1449688	Water	Plumbing		6/18/2019	6:10 AM
F 25 (C) F	1449689	Water	Plumbing		6/18/2019	6:45 AM
F LOBBY S	1449690	Water	Plumbing		6/18/2019	6:20 AM
F LOBBY F	1449691	Water	Plumbing		6/18/2019	6:55 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



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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	T DC 20 (STANDING)		T DC 20 (FLUSHED)		F 25 (C) S		F 25 (C) F			
Lab ID	1449686		1449687		1449688		1449689			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	1.4	0.1	0.5	0.1	<0.1	0.1	<0.1	0.1	ug/L	10

Sample Description	F LOBBY S		F LOBBY F			
Lab ID	1449690		1449691			
Metals	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<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.

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.A13.1L

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	85.9	120	20190624.A13.1L

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

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

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	88.2	130	20190624.A13.1L

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
F 25 (C) F	1449689	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
F 25 (C) S	1449688	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
F LOBBY F	1449691	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
F LOBBY S	1449690	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T DC 20 (FLUSHED)	1449687	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C
T DC 20 (STANDING)	1449686	ICPMS Reg. Water (A13)	20190624.A13.1L	20190623.A52C