



**TESTMARK Laboratories Ltd.**

Committed to Quality and Service

## CERTIFICATE OF ANALYSIS

Client:	Lisa Polano	Work Order Number:	376301
Company:	RDSB - MacLeod P.S.	PO #:	
Address:	23 Walford Road Sudbury, ON, P3E 2H2	Regulation:	O.Reg. 243/07
Phone:		Project #:	
Email:	polanol@rainbowschools.ca	DWS #:	500045956
		Sampled By:	Bill Desjardin
Date Order Received:	6/28/2019	Analysis Started:	7/5/2019
Arrival Temperature:	6 °C	Analysis Completed:	7/8/2019

### 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 - F - 212L	1452955	Water	Plumbing		6/28/2019	6:30 AM
Flushed - F - 212L	1452956	Water	Plumbing		6/28/2019	7:05 AM
St. Daycare	1452957	Water	Plumbing		6/28/2019	6:35 AM
Fl. Daycare	1452958	Water	Plumbing		6/28/2019	7:10 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*

## CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376301

This report has been approved by:

Mark Charbonneau, Ph.D.

Laboratory Director



## CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376301

### WORK ORDER RESULTS

Sample Description	Standing - F - 212L		Flushed - F - 212L		St. Daycare		Fl. Daycare			
Lab ID	1452955		1452956		1452957		1452958			
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	0.2	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.

[ ]: 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.

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.



## CERTIFICATE OF ANALYSIS

RDSB - MacLeod P.S.

Work Order Number: 376301

### 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	20190708.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	91.4	120	20190708.A13.1H

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	3.65	3.79	4.35	20190708.A13.1H

##### Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	90.7	130	20190708.A13.1H

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

Sample Description	Lab ID	Method	QAQCID	Prep QAQCID
Fl. Daycare	1452958	ICPMS Reg. Water (A13)	20190708.A13.1H	20190705.A52M
Flushed - F - 212L	1452956	ICPMS Reg. Water (A13)	20190708.A13.1H	20190705.A52M
St. Daycare	1452957	ICPMS Reg. Water (A13)	20190708.A13.1H	20190705.A52M
Standing - F - 212L	1452955	ICPMS Reg. Water (A13)	20190708.A13.1H	20190705.A52M
Standing - F - 212L	1452955r	ICPMS Reg. Water (A13)	20190708.A13.1H	20190705.A52M