



## CERTIFICATE OF ANALYSIS

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Company: RDSB - Confederation Secondary School  
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Work Order Number: 442876  
PO #:   
Regulation: O.Reg. 243/07  
Project #:   
DWS #: 500111593  
Sampled By: Lisa Polano

Date Order Received: 9/20/2021  
Arrival Temperature: 5 °C

Analysis Started: 9/28/2021  
Analysis Completed: 9/28/2021

### 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-10 by S-1000	1684921	Water	Plumbing		9/19/2021	6:00 AM
Flushed-F-10 by S-1000	1684922	Water	Plumbing		9/19/2021	6:35 AM
Standing-T-1 Rm S-128	1684923	Water	Plumbing		9/19/2021	6:05 AM
Flushed-T-1 Rm S-128	1684924	Water	Plumbing		9/19/2021	6:40 AM
Standing-T-2 Rm S-115	1684925	Water	Plumbing		9/19/2021	6:10 AM
Flushed-T-2 Rm S-115	1684926	Water	Plumbing		9/19/2021	6:45 AM
Standing-T-3 Rm 135	1684927	Water	Plumbing		9/19/2021	6:15 AM
Flushed-T-3 Rm 135	1684928	Water	Plumbing		9/19/2021	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.**

*Committed to Quality and Service*

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This report has been approved by:

Mahesh Patel, B.Sc.  
Laboratory Director



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### WORK ORDER RESULTS

Sample Description	Standing - F - 10 by S - 1000		Flushed - F - 10 by S - 1000		Standing - T - 1 Rm S - 128		Flushed - T - 1 Rm S - 128			
Sample Date	9/19/2021 6:00 AM		9/19/2021 6:35 AM		9/19/2021 6:05 AM		9/19/2021 6:40 AM			
Lab ID	1684921		1684922		1684923		1684924			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	7.9	0.1	2.2	0.1	2.7	0.1	2.9	0.1	ug/L	10
Sample Description	Standing - T - 2 Rm S - 115		Flushed - T - 2 Rm S - 115		Standing - T - 3 Rm 135		Flushed - T - 3 Rm 135			
Sample Date	9/19/2021 6:10 AM		9/19/2021 6:45 AM		9/19/2021 6:15 AM		9/19/2021 6:50 AM			
Lab ID	1684925		1684926		1684927		1684928			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	7.2	0.1	0.9	0.1	5.9	0.1	1.6 [1.6]	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	20210928.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	94.1	120	20210928.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.84	5.38	20210928.A13.1D

##### Sample Replicate: % RPD (4)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	0	0	20	20210928.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	92	130	20210928.A13.1D



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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 - F - 10 by S - 1000	1684922	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Flushed - T - 1 Rm S - 128	1684924	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Flushed - T - 2 Rm S - 115	1684926	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Flushed - T - 3 Rm 135	1684928	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Flushed - T - 3 Rm 135	1684928r	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Standing - F - 10 by S - 1000	1684921	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Standing - T - 1 Rm S - 128	1684923	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Standing - T - 2 Rm S - 115	1684925	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V
Standing - T - 3 Rm 135	1684927	ICPMS Reg. Water (A13)	20210928.A13.1D	20210927.A52V