



CERTIFICATE OF ANALYSIS

Client:	Carol Koziar	Work Order Number:	445518
Company:	RDSB - Northeastern S.S. Elementary School Prog.	PO #:	
Address:	408 Wembley Drive Sudbury, ON, P3E 1P2	Regulation:	O.Reg. 243/07
Phone/Fax:	(705) 690-0323 / (705) 671-2442	Project #:	
Email:	koziarc@rainbowschools.ca	DWS #:	500045826
		Sampled By:	Carol Koziar
Date Order Received:	10/14/2021	Analysis Started:	10/18/2021
Arrival Temperature:	11 °C	Analysis Completed:	10/19/2021

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-BF2-by room 216	1694877	Water	Plumbing		10/14/2021	7:00 AM
Flushed-BF2-by room 216	1694878	Water	Plumbing		10/14/2021	7:35 AM
Standing-S-1 Room 107	1694879	Water	Plumbing		10/14/2021	7:05 AM
Flushed-S-1 Room 107	1694880	Water	Plumbing		10/14/2021	7:40 AM
Standing-S-2 Room 108	1694881	Water	Plumbing		10/14/2021	7:10 AM
Flushed-S-2 Room 108	1694882	Water	Plumbing		10/14/2021	7:45 AM
Standing-S-3 Room 109	1694883	Water	Plumbing		10/14/2021	7:15 AM
Flushed-S-3 Room 109	1694884	Water	Plumbing		10/14/2021	7:50 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



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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 - BF2 - by room 216		Flushed - BF2 - by room 216		Standing - S - 1 Room 107		Flushed - S - 1 Room 107			
Sample Date	10/14/2021 7:00 AM		10/14/2021 7:35 AM		10/14/2021 7:05 AM		10/14/2021 7:40 AM			
Lab ID	1694877		1694878		1694879		1694880			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	0.3	0.1	0.1	0.1	ug/L	10

Sample Description	Standing - S - 2 Room 108		Flushed - S - 2 Room 108		Standing - S - 3 Room 109		Flushed - S - 3 Room 109			
Sample Date	10/14/2021 7:10 AM		10/14/2021 7:45 AM		10/14/2021 7:15 AM		10/14/2021 7:50 AM			
Lab ID	1694881		1694882		1694883		1694884			
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	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.

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	20211018.A13.1F
Lead	0.1	ug/L	0	<0.1	1	20211019.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	98.7	120	20211018.A13.1F
Lead	N/A	%	80	99.1	120	20211019.A13.1G

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	4.05	5.38	20211018.A13.1F
Lead	1	ug/L	2.58	4.17	5.38	20211019.A13.1G

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	97.1	130	20211018.A13.1F
Lead	N/A	% Rec	70	97.9	130	20211019.A13.1G



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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 - BF2 - by room 216	1694878	ICPMS Reg. Water (A13)	20211019.A13.1G	20211016.A52B
Flushed - S - 1 Room 107	1694880	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Flushed - S - 2 Room 108	1694882	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Flushed - S - 3 Room 109	1694884	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Standing - BF2 - by room 216	1694877	ICPMS Reg. Water (A13)	20211019.A13.1G	20211016.A52B
Standing - S - 1 Room 107	1694879	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Standing - S - 2 Room 108	1694881	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C
Standing - S - 3 Room 109	1694883	ICPMS Reg. Water (A13)	20211018.A13.1F	20211016.A52C