



TESTMARK Laboratories Ltd.

Committed to Quality and Service

CERTIFICATE OF ANALYSIS

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Work Order Number: 442208
PO #:
Regulation: O.Reg. 243/07
Project #:
DWS #: 500045748
Sampled By: illegible

Date Order Received: 9/13/2021
Arrival Temperature: 6 °C

Analysis Started: 9/20/2021
Analysis Completed: 9/20/2021

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-BF-5 by 114	1682321	Water	Plumbing		9/12/2021	6:00 AM
Flushed-BF-5 by 114	1682322	Water	Plumbing		9/12/2021	6:35 AM
Standing-S-9 Servery	1682323	Water	Plumbing		9/12/2021	6:05 AM
Flushed-S-9 Servery	1682324	Water	Plumbing		9/12/2021	6:40 AM
Standing-S-2 rm 203	1682325	Water	Plumbing		9/12/2021	6:10 AM
Flushed-S-2 rm 203	1682326	Water	Plumbing		9/12/2021	6:45 AM
Standing S-6 rm 117	1682327	Water	Plumbing		9/12/2021	6:15 AM
Flushed S-6 rm 117	1682328	Water	Plumbing		9/12/2021	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



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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 - BF - 5 by 114		Flushed - BF - 5 by 114		Standing - S - 9 Servery		Flushed - S - 9 Servery			
Sample Date	9/12/2021 6:00 AM		9/12/2021 6:35 AM		9/12/2021 6:05 AM		9/12/2021 6:40 AM			
Lab ID	1682321		1682322		1682323		1682324			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	<0.1	0.1	<0.1	0.1	7.5	0.1	5.4	0.1	ug/L	10

Sample Description	Standing - S - 2 rm 203		Flushed - S - 2 rm 203		Standing S - 6 rm 117		Flushed S - 6 rm 117			
Sample Date	9/12/2021 6:10 AM		9/12/2021 6:45 AM		9/12/2021 6:15 AM		9/12/2021 6:50 AM			
Lab ID	1682325		1682326		1682327		1682328			
Metals	Result	MDL	Result	MDL	Result	MDL	Result	MDL	Units	Criteria: O.Reg. 243/07
Lead	3.0	0.1	1.9	0.1	0.5	0.1	0.3	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	20210920.A13.1D
Lead	0.1	ug/L	0	<0.1	1	20210920.A13.1E
Lead	0.1	ug/L	0	<0.1	1	20210920.A13.1F

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	%	80	95.7	120	20210920.A13.1E
Lead	N/A	%	80	96.3	120	20210920.A13.1F
Lead	N/A	%	80	96.9	120	20210920.A13.1D

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

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	1	ug/L	2.58	3.94	5.38	20210920.A13.1D
Lead	1	ug/L	2.58	4.06	5.38	20210920.A13.1F
Lead	1	ug/L	2.58	4.1	5.38	20210920.A13.1E

Sample Spike: LFMS-9 (N 100 µg/L) (9)

Parameter	MDL	Units	LCL	Result	UCL	QAQCID
Lead	N/A	% Rec	70	89.7	130	20210920.A13.1F
Lead	N/A	% Rec	70	92.1	130	20210920.A13.1E
Lead	N/A	% Rec	70	97.5	130	20210920.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 - BF - 5 by 114	1682322	ICPMS Reg. Water (A13)	20210920.A13.1D	20210915.A52W
Flushed - S - 2 rm 203	1682326	ICPMS Reg. Water (A13)	20210920.A13.1D	20210915.A52W
Flushed - S - 9 Servery	1682324	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Flushed S - 6 rm 117	1682328	ICPMS Reg. Water (A13)	20210920.A13.1D	20210915.A52W
Standing - BF - 5 by 114	1682321	ICPMS Reg. Water (A13)	20210920.A13.1F	20210915.A52X
Standing - S - 2 rm 203	1682325	ICPMS Reg. Water (A13)	20210920.A13.1E	20210915.A52V
Standing - S - 9 Servery	1682323	ICPMS Reg. Water (A13)	20210920.A13.1D	20210915.A52W
Standing S - 6 rm 117	1682327	ICPMS Reg. Water (A13)	20210920.A13.1D	20210915.A52W