



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

19K1332

Revised Report: Workorder modified- See Case Narrative.

KCI Technologies

John Adams
936 Ridgebrook Road
Sparks, MD 21152

Project Name: Cedar Lane School

Project / PO Number: N/A
Received: 11/26/2019
Reported: 12/02/2019

Case Narrative

MMM 12/2/2019 Work order amended to correct Sample IDs, sampling times, and Fixture Code.

Analytical Testing Parameters

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (CLS-01, Drinking Water, 19K1332-01, etc.)

Table with 9 columns: Metals, Total by EPA 200 Series Methods, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result <1.0.

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (CLS-02, Drinking Water, 19K1332-02, etc.)

Table with 9 columns: Metals, Total by EPA 200 Series Methods, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 4.7.

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (CLS-03, Drinking Water, 19K1332-03, etc.)

Table with 9 columns: Metals, Total by EPA 200 Series Methods, Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst. Row for Lead with result 1.0.



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Client Sample ID: CLS-04	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-04	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:07
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1534	GHW

Client Sample ID: CLS-05	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-05	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:34
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1535	GHW

Client Sample ID: CLS-06	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-06	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:35
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1536	GHW

Client Sample ID: CLS-07	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-07	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:37
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1541	GHW



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Client Sample ID: CLS-08	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-08		Collection Date: 11/22/2019 6:39

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1542	GHW

Client Sample ID: CLS-09	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-09		Collection Date: 11/22/2019 6:41

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1543	GHW

Client Sample ID: CLS-10	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-10		Collection Date: 11/22/2019 6:22

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1544	GHW

Client Sample ID: CLS-11	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-11		Collection Date: 11/22/2019 6:16

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1545	GHW



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Client Sample ID: CLS-12	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-12	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:17
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1547	GHW

Client Sample ID: CLS-13	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-13	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:13
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1548	GHW

Client Sample ID: CLS-14	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-14	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:20
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1549	GHW

Client Sample ID: CLS-15	Sample Matrix: Drinking Water	Lab Sample ID: 19K1332-15	Collected By: Rudy Scipio	Collection Date: 11/22/2019 6:14
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Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	4.8	20.0	1.0	ppb		11/27/19 1400	11/27/19 1553	GHW



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Client Sample ID: CLS-16	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:15
Lab Sample ID: 19K1332-16	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1554	GHW

Client Sample ID: CLS-17	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:07
Lab Sample ID: 19K1332-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1556	GHW

Client Sample ID: CLS-18	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:08
Lab Sample ID: 19K1332-18	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1557	GHW

Client Sample ID: CLS-19	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:11
Lab Sample ID: 19K1332-19	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1558	GHW



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Client Sample ID: CLS-20	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-20		Collection Date: 11/22/2019 6:11

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1559	GHW

Client Sample ID: CLS-21	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-21		Collection Date: 11/22/2019 6:21

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1602	GHW

Client Sample ID: CLS-22	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-22		Collection Date: 11/22/2019 7:01

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		11/27/19 1400	11/27/19 1608	GHW

Client Sample ID: CLS-23	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-23		Collection Date: 11/22/2019 7:01

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.6	20.0	1.0	ppb		11/27/19 1400	11/27/19 1609	GHW



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Client Sample ID: CLS-24	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:43
Lab Sample ID: 19K1332-24	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1610	GHW

Client Sample ID: CLS-25	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:44
Lab Sample ID: 19K1332-25	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1611	GHW

Client Sample ID: CLS-26	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:45
Lab Sample ID: 19K1332-26	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1612	GHW

Client Sample ID: CLS-27	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:17
Lab Sample ID: 19K1332-27	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1613	GHW



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Client Sample ID: CLS-28	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:21
Lab Sample ID: 19K1332-28	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.1	20.0	1.0	ppb		11/27/19 1400	11/27/19 1614	GHW

Client Sample ID: CLS-29	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:47
Lab Sample ID: 19K1332-29	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1615	GHW

Client Sample ID: CLS-30	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:51
Lab Sample ID: 19K1332-30	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1616	GHW

Client Sample ID: CLS-31	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:51
Lab Sample ID: 19K1332-31	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1620	GHW



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Client Sample ID: CLS-32	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-32		Collection Date: 11/22/2019 7:53

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1623	GHW

Client Sample ID: CLS-33	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-33		Collection Date: 11/22/2019 7:54

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1624	GHW

Client Sample ID: CLS-34	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-34		Collection Date: 11/22/2019 7:55

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1625	GHW

Client Sample ID: CLS-35	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-35		Collection Date: 11/22/2019 7:56

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1626	GHW



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Client Sample ID: CLS-36	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-36		Collection Date: 11/22/2019 7:59

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1627	GHW

Client Sample ID: CLS-39	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-38		Collection Date: 11/22/2019 8:02

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1628	GHW

Client Sample ID: CLS-40	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-39		Collection Date: 11/22/2019 8:06

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1629	GHW

Client Sample ID: CLS-41	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-40		Collection Date: 11/22/2019 8:07

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1633	GHW



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Client Sample ID: CLS-42	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-41		Collection Date: 11/22/2019 8:08

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1634	GHW

Client Sample ID: CLS-43	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-42		Collection Date: 11/22/2019 8:10

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1637	GHW

Client Sample ID: CLS-44	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-43		Collection Date: 11/22/2019 8:11

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1640	GHW

Client Sample ID: CLS-45	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-44		Collection Date: 11/22/2019 8:07

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1641	GHW



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Client Sample ID: CLS-46	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:44
Lab Sample ID: 19K1332-45	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1642	GHW

Client Sample ID: CLS-47	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:42
Lab Sample ID: 19K1332-46	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1646	GHW

Client Sample ID: CLS-48	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:41
Lab Sample ID: 19K1332-47	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1647	GHW

Client Sample ID: CLS-49	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:40
Lab Sample ID: 19K1332-48	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.9	20.0	1.0	ppb		11/27/19 1400	11/27/19 1648	GHW



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Client Sample ID: CLS-50	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-49		Collection Date: 11/22/2019 7:39

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1649	GHW

Client Sample ID: CLS-51	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-50		Collection Date: 11/22/2019 7:34

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1650	GHW

Client Sample ID: CLS-52	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-51		Collection Date: 11/22/2019 7:32

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1651	GHW

Client Sample ID: CLS-53	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-52		Collection Date: 11/22/2019 7:28

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1652	GHW



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Client Sample ID: CLS-54	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-53		Collection Date: 11/22/2019 7:18

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1655	GHW

Client Sample ID: CLS-55	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-54		Collection Date: 11/22/2019 7:11

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		11/27/19 1400	11/27/19 1659	GHW

Client Sample ID: CLS-56	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-55		Collection Date: 11/22/2019 7:10

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1700	GHW

Client Sample ID: CLS-57	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-56		Collection Date: 11/22/2019 7:08

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1701	GHW



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Client Sample ID: CLS-58	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:04
Lab Sample ID: 19K1332-57	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	7.4	20.0	1.0	ppb		11/27/19 1400	11/27/19 1702	GHW

Client Sample ID: CLS-59	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:04
Lab Sample ID: 19K1332-58	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	13.2	20.0	1.0	ppb		11/27/19 1400	11/27/19 1703	GHW

Client Sample ID: CLS-60	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:05
Lab Sample ID: 19K1332-59	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1704	GHW

Client Sample ID: CLS-61	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:06
Lab Sample ID: 19K1332-60	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.9	20.0	1.0	ppb		11/27/19 1400	11/27/19 1705	GHW



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Client Sample ID: CLS-62	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-61		Collection Date: 11/22/2019 6:55

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1400	11/27/19 1706	GHW

Client Sample ID: CLS-63	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-62		Collection Date: 11/22/2019 6:56

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		11/27/19 1406	11/27/19 1712	GHW

Client Sample ID: CLS-64	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-63		Collection Date: 11/22/2019 6:56

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1406	11/27/19 1715	GHW

Client Sample ID: CLS-65	Sample Matrix: Drinking Water	Collected By: Rudy Scipio
Lab Sample ID: 19K1332-64		Collection Date: 11/22/2019 6:57

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1406	11/27/19 1716	GHW



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Client Sample ID: CLS-66	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:49
Lab Sample ID: 19K1332-65	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1406	11/27/19 1717	GHW

Client Sample ID: CLS-67	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 6:49
Lab Sample ID: 19K1332-66	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1406	11/27/19 1718	GHW

Client Sample ID: CLS-68	Collected By: Rudy Scipio
Sample Matrix: Drinking Water	Collection Date: 11/22/2019 7:17
Lab Sample ID: 19K1332-67	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		11/27/19 1406	11/27/19 1719	GHW

Results in **bold** have exceeded a limit defined for this project. Limits are provided for reference but as regulatory limits change frequently, Microbac Laboratories, Inc. advises the recipient of this report to confirm such limits and units of concentration with the appropriate Federal, state or local authorities before acting on the data.

Definitions

ppb: Parts per Billion
RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc. - Baltimore
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State of Maryland (Drinking Water)



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

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Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included.

Reviewed and Approved By:

A handwritten signature in black ink that reads "Marissa Mamone".

Marissa Mamone

Client Relations

Reported: 12/02/2019 15:50