



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

19D0983

KCI Technologies

Project Name: Hammond Elementary School

Tehsin Aurangabadwala
936 Ridgebrook Road
Sparks, MD 21152

Project / PO Number: N/A
Received: 04/15/2019
Reported: 04/18/2019

Analytical Testing Parameters

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date.

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst.

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 04/17/19 1121, Analyzed: 04/17/19 1327, Analyst: GHW.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date.

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst.

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: 1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 04/17/19 1121, Analyzed: 04/17/19 1331, Analyst: GHW.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date.

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst.

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 04/17/19 1121, Analyzed: 04/17/19 1332, Analyst: GHW.

Table with 2 columns: Client Sample ID, Sample Matrix, Lab Sample ID and Collected By, Collection Date.

Table header: Metals, Total by EPA 200 Series Methods. Columns: Result, Limit(s), RL, Units, Note, Prepared, Analyzed, Analyst.

Table row: Method: EPA 200.2/EPA 200.8. Lead. Result: <1.0, Limit(s): 20.0, RL: 1.0, Units: ppb, Prepared: 04/17/19 1121, Analyzed: 04/17/19 1334, Analyst: GHW.



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Client Sample ID: HES 7 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-05	

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		04/17/19 1121	04/17/19 1335	GHW

Client Sample ID: HES 8 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-06	

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		04/17/19 1121	04/17/19 1336	GHW

Client Sample ID: HES 9 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-07	

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		04/17/19 1121	04/17/19 1340	GHW

Client Sample ID: HES 10 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-08	

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		04/17/19 1121	04/17/19 1342	GHW



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Client Sample ID: HES 11 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-09	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1343	GHW

Client Sample ID: HES 12F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1345	GHW

Client Sample ID: HES 13F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1346	GHW

Client Sample ID: HES 14F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-12	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1350	GHW



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Client Sample ID: HES 15F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-13	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1351	GHW

Client Sample ID: HES 16F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-14	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1353	GHW

Client Sample ID: HES 17F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-15	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1357	GHW

Client Sample ID: HES 18F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-16	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1358	GHW



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Client Sample ID: HES 19F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-17	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		04/17/19 1121	04/17/19 1359	GHW

Client Sample ID: HES 20F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-18	

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		04/17/19 1121	04/17/19 1401	GHW

Client Sample ID: HES 21F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-19	

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		04/17/19 1121	04/17/19 1402	GHW

Client Sample ID: HES 22F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-20	

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		04/17/19 1121	04/17/19 1404	GHW



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Client Sample ID: HES 23F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-21	

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		04/17/19 1121	04/17/19 1408	GHW

Client Sample ID: HES 24F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-22	

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		04/17/19 1121	04/17/19 1414	GHW

Client Sample ID: HES 25F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-23	

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		04/17/19 1121	04/17/19 1416	GHW

Client Sample ID: HES 26F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-24	

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		04/17/19 1121	04/17/19 1417	GHW



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Client Sample ID: HES 27F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-25	

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		04/17/19 1121	04/17/19 1418	GHW

Client Sample ID: HES 28F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-26	

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		04/17/19 1121	04/17/19 1420	GHW

Client Sample ID: HES 29F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-27	

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		04/17/19 1121	04/17/19 1421	GHW

Client Sample ID: HES 30F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-28	

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		04/17/19 1121	04/17/19 1423	GHW



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Client Sample ID: HES 31F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-29	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1424	GHW

Client Sample ID: HES 32F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-30	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1425	GHW

Client Sample ID: HES 33F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-31	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1429	GHW

Client Sample ID: HES 34F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-32	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1433	GHW



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Client Sample ID: HES 35F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-33	

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		04/17/19 1121	04/17/19 1435	GHW

Client Sample ID: HES 36F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-34	

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		04/17/19 1121	04/17/19 1436	GHW

Client Sample ID: HES 37F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-35	

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		04/17/19 1121	04/17/19 1438	GHW

Client Sample ID: HES 38F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-36	

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		04/17/19 1121	04/17/19 1439	GHW



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Client Sample ID: HES 39F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-37	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1440	GHW

Client Sample ID: HES 40F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-38	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1442	GHW

Client Sample ID: HES 41F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-39	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1446	GHW

Client Sample ID: HES 42 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-40	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1447	GHW



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Client Sample ID: HES 43 DF/C	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-41	

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		04/17/19 1121	04/17/19 1451	GHW

Client Sample ID: HES 45F DF/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-42	

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		04/17/19 1121	04/17/19 1455	GHW

Client Sample ID: HES 49F CC/B	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/02/2019 5:09
Lab Sample ID: 19D0983-43	

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		04/17/19 1121	04/17/19 1457	GHW

Client Sample ID: HES 1 KS	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-44	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	5.9	20.0	1.0	ppb		04/17/19 1121	04/17/19 1458	GHW



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Client Sample ID: HES 2 KS	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-45	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	8.1	20.0	1.0	ppb		04/17/19 1121	04/17/19 1502	GHW

Client Sample ID: HES 5S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-46	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	10.5	20.0	1.0	ppb		04/17/19 1121	04/17/19 1504	GHW

Client Sample ID: HES 6S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-47	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	9.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1505	GHW

Client Sample ID: HES 12S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-48	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.6	20.0	1.0	ppb		04/17/19 1121	04/17/19 1506	GHW



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Client Sample ID: HES 13S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-49	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.2	20.0	1.0	ppb		04/17/19 1121	04/17/19 1508	GHW

Client Sample ID: HES 14S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-50	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	5.8	20.0	1.0	ppb		04/17/19 1121	04/17/19 1509	GHW

Client Sample ID: HES 15S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-51	

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		04/17/19 1121	04/17/19 1510	GHW

Client Sample ID: HES 16S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-52	

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		04/17/19 1121	04/17/19 1514	GHW



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19D0983

Client Sample ID: HES 17S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-53	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1520	GHW

Client Sample ID: HES 18S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-54	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1521	GHW

Client Sample ID: HES 19S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-55	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	4.1	20.0	1.0	ppb		04/17/19 1121	04/17/19 1522	GHW

Client Sample ID: HES 20S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-56	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/17/19 1121	04/17/19 1524	GHW



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19D0983

Client Sample ID: HES 21S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-57	

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		04/17/19 1121	04/17/19 1525	GHW

Client Sample ID: HES 22S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-58	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.1	20.0	1.0	ppb		04/17/19 1121	04/17/19 1526	GHW

Client Sample ID: HES 23S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-59	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.1	20.0	1.0	ppb		04/17/19 1121	04/17/19 1528	GHW

Client Sample ID: HES 24S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-60	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.9	20.0	1.0	ppb		04/17/19 1121	04/17/19 1529	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 25S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-61	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.1	20.0	1.0	ppb		04/16/19 1121	04/16/19 1649	GHW

Client Sample ID: HES 26S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-62	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.5	20.0	1.0	ppb		04/16/19 1121	04/16/19 1650	GHW

Client Sample ID: HES 27S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-63	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.2	20.0	1.0	ppb		04/16/19 1121	04/16/19 1654	GHW

Client Sample ID: HES 28S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-64	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.1	20.0	1.0	ppb		04/16/19 1121	04/16/19 1656	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 29S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-65	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.3	20.0	1.0	ppb		04/16/19 1121	04/16/19 1657	GHW

Client Sample ID: HES 30S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-66	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	2.4	20.0	1.0	ppb		04/16/19 1121	04/16/19 1658	GHW

Client Sample ID: HES 31S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-67	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.2	20.0	1.0	ppb		04/16/19 1121	04/16/19 1700	GHW

Client Sample ID: HES 32S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-68	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.8	20.0	1.0	ppb		04/16/19 1121	04/16/19 1701	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 33S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-69	

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		04/16/19 1121	04/16/19 1705	GHW

Client Sample ID: HES 34S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-70	

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		04/16/19 1121	04/16/19 1712	GHW

Client Sample ID: HES 35S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-71	

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		04/16/19 1121	04/16/19 1713	GHW

Client Sample ID: HES 36S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-72	

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		04/16/19 1121	04/16/19 1715	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 37S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-73	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/16/19 1121	04/16/19 1716	GHW

Client Sample ID: HES 38S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-74	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/16/19 1121	04/16/19 1717	GHW

Client Sample ID: HES 39S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-75	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	<1.0	20.0	1.0	ppb		04/16/19 1121	04/16/19 1719	GHW

Client Sample ID: HES 40S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-76	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
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Method: EPA 200.2/EPA 200.8								
Lead	1.3	20.0	1.0	ppb		04/16/19 1121	04/16/19 1720	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 41S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-77	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.5	20.0	1.0	ppb		04/16/19 1121	04/16/19 1721	GHW

Client Sample ID: HES 44 NO	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-78	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.3	20.0	1.0	ppb		04/16/19 1121	04/16/19 1723	GHW

Client Sample ID: HES 45S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-79	

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		04/16/19 1121	04/16/19 1727	GHW

Client Sample ID: HES 46 TL	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-80	

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		04/16/19 1121	04/16/19 1731	GHW



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CERTIFICATE OF ANALYSIS

19D0983

Client Sample ID: HES 47 OT.4	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-81	

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		04/16/19 1121	04/16/19 1732	GHW

Client Sample ID: HES 48 CR	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-82	

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		04/16/19 1121	04/16/19 1734	GHW

Client Sample ID: HES 49S CC/S	Collected By: Jeffrey Klenk
Sample Matrix: Drinking Water	Collection Date: 04/03/2019 5:08
Lab Sample ID: 19D0983-83	

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		04/16/19 1121	04/16/19 1735	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

RL: Reporting Limit

Report Comments

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:



Megan Greenfield
 Customer Relationship Coordinator
 Reported: 04/18/2019 11:51