



Microbac Laboratories, Inc. - Baltimore

CERTIFICATE OF ANALYSIS

19E1492

KCI Technologies

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Sparks, MD 21152

Project Name: Applications & Research Lab

Project / PO Number: N/A
Received: 05/28/2019
Reported: 05/30/2019

Analytical Testing Parameters

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (ARL 1 First Draw CR, Drinking Water, 19E1492-01, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (1.1), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (05/29/19 1313), Analyzed (05/29/19 1422), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (ARL 2 First Draw CR, Drinking Water, 19E1492-02, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (1.2), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (05/29/19 1313), Analyzed (05/29/19 1426), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (ARL 3 First Draw TL, Drinking Water, 19E1492-03, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (2.6), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (05/29/19 1313), Analyzed (05/29/19 1427), Analyst (GHW)

Table with 2 columns: Parameter (Client Sample ID, Sample Matrix, Lab Sample ID) and Value (ARL 4 First Draw DF/C, Drinking Water, 19E1492-04, etc.)

Metals, Total by EPA 200 Series Methods

Method: EPA 200.2/EPA 200.8

Table with 9 columns: Lead, Result (<1.0), Limit(s) (20.0), RL (1.0), Units (ppb), Note, Prepared (05/29/19 1313), Analyzed (05/29/19 1429), Analyst (GHW)



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Client Sample ID: ARL 6 First Draw OT.2	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-05	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	3.7	20.0	1.0	ppb		05/29/19 1313	05/29/19 1430	GHW

Client Sample ID: ARL 7 First Draw NO	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-06	

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		05/29/19 1313	05/29/19 1431	GHW

Client Sample ID: ARL 8 First Draw OT.2	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-07	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.1	20.0	1.0	ppb		05/29/19 1313	05/29/19 1435	GHW

Client Sample ID: ARL 9 First Draw CR	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-08	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	12.1	20.0	1.0	ppb		05/29/19 1313	05/29/19 1437	GHW



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Client Sample ID: ARL 10 First Draw DF/C	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-09	

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		05/29/19 1313	05/29/19 1438	GHW

Client Sample ID: ARL 11 First Draw KS	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-10	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	11.2	20.0	1.0	ppb		05/29/19 1313	05/29/19 1440	GHW

Client Sample ID: ARL 12 First Draw KS	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-11	

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	16.9	20.0	1.0	ppb		05/29/19 1313	05/29/19 1441	GHW

Client Sample ID: ARL 13 First Draw CR	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-12	

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		05/29/19 1313	05/29/19 1445	GHW



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Client Sample ID: ARL 14 First Draw CR	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-13	

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		05/29/19 1313	05/29/19 1446	GHW

Client Sample ID: ARL 15 First Draw TL	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-14	

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		05/29/19 1313	05/29/19 1448	GHW

Client Sample ID: ARL 16 First Draw CR	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-15	

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		05/29/19 1313	05/29/19 1452	GHW

Client Sample ID: ARL 17 First Draw CR	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-16	

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		05/29/19 1313	05/29/19 1453	GHW



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Client Sample ID: ARL 18 First Draw DF/C	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-17	

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		05/29/19 1313	05/29/19 1454	GHW

Client Sample ID: ARL 19 First Draw DF/C	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-18	

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		05/29/19 1313	05/29/19 1456	GHW

Client Sample ID: ARL 20 First Draw DF/C	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-19	

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		05/29/19 1313	05/29/19 1457	GHW

Client Sample ID: ARL 21 First Draw DF/C	Collected By: Jeff Klenk
Sample Matrix: Drinking Water	Collection Date: 05/17/2019 5:15
Lab Sample ID: 19E1492-20	

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		05/29/19 1313	05/29/19 1458	GHW



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Client Sample ID:	ARL 23 First Draw CR	Collected By:	Jeff Klenk
Sample Matrix:	Drinking Water	Collection Date:	05/17/2019 5:15
Lab Sample ID:	19E1492-21		

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		05/29/19 1313	05/29/19 1502	GHW

Client Sample ID:	ARL 24 First Draw CR	Collected By:	Jeff Klenk
Sample Matrix:	Drinking Water	Collection Date:	05/17/2019 5:15
Lab Sample ID:	19E1492-22		

Metals, Total by EPA 200 Series Methods	Result	Limit(s)	RL	Units	Note	Prepared	Analyzed	Analyst
Method: EPA 200.2/EPA 200.8								
Lead	1.7	20.0	1.0	ppb		05/29/19 1313	05/29/19 1509	GHW

Client Sample ID:	ARL 25 First Draw CR	Collected By:	Jeff Klenk
Sample Matrix:	Drinking Water	Collection Date:	05/17/2019 5:15
Lab Sample ID:	19E1492-23		

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		05/29/19 1313	05/29/19 1510	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: 05/30/2019 09:37