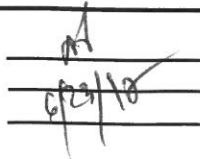


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Analytical Review Report

Date Printed : 6/22/17
 Analyst : AK
 Data File : LB88219.csv

Approved By : 
 Approved Date : 6/21/17
 Worksheet # :

Mg056-A-Inorganic Anions-13

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB				Method	Method			Line 2
							LCL	UCL	RPD	Max RPD	Units
Bromide											
STD1	STD1				W	6/12/17					
Bromide		PASS		0.000	0.000						mg/L
STD2	STD2				W	6/12/17					
Bromide		PASS		0.659	0.659						mg/L
STD3	STD3				W	6/12/17					
Bromide		PASS		2.079	2.08						mg/L
STD4	STD4				W	6/12/17					
Bromide		PASS		3.809	3.81						mg/L
STD5	STD5				W	6/12/17					
Bromide		PASS		9.991	9.99						mg/L
STD6	STD6				W	6/12/17					
Bromide		PASS		19.727	19.7						mg/L
STD7	STD7				W	6/12/17					
Bromide		PASS		25.235	25.2						mg/L
ICV1	ICV1				W	6/12/17					
Bromide		PASS		9.813	9.81	98.0	90	110			mg/L
ICB1	ICB1				W	6/12/17					
Bromide		PASS		0.000	0.000			+/-0.0660			mg/L
CCV1	CCV1				W	6/20/17					
Bromide		PASS		9.841	9.84	98.0	90	110			mg/L
CCB1	CCB1				W	6/20/17					
Bromide		PASS		0.000	0.000			+/-0.0660			mg/L
LB88219BLS	LB88219BLS				W	6/20/17					
Bromide		PASS		0.000	0.000			+/-0.0660			mg/L
LB88219BSS	LB88219BSS				W	6/20/17					
Bromide		PASS		9.843	9.84	98.0	90	110			mg/L
I3757-01	LOD-SOIL-01-QT3-2017			1	S	6/20/17					
Bromide		PASS		0.464	9.26						mg/Kg
I3757-02	LOQ-SOIL-02-QT3-2017				S	6/20/17					
Bromide		PASS		1.023	20.50	103.0	50.00	150.00			mg/Kg
CCV2	CCV2				W	6/20/17					
Bromide		PASS		9.904	9.90	99.0	90	110			mg/L
CCB2	CCB2				W	6/20/17					
Bromide		PASS		0.000	0.000			+/-0.0660			mg/L

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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis	Line 1		
Parameter		PPB	Final Conc		%Rec	Method	Method	RPD	Max RPD	Units
						LCL	UCL			Line 2
Chloride										
STD1	STD1			W	6/12/17					
Chloride		PASS	0.000	0.000						mg/L
STD2	STD2			W	6/12/17					
Chloride		PASS	0.202	0.202						mg/L
STD3	STD3			W	6/12/17					
Chloride		PASS	0.612	0.612						mg/L
STD4	STD4			W	6/12/17					
Chloride		PASS	1.149	1.15						mg/L
STD5	STD5			W	6/12/17					
Chloride		PASS	2.994	2.99						mg/L
STD6	STD6			W	6/12/17					
Chloride		PASS	5.930	5.93						mg/L
STD7	STD7			W	6/12/17					
Chloride		PASS	7.563	7.56						mg/L
ICV1	ICV1			W	6/12/17					
Chloride		PASS	2.949	2.95	98.0	90	110			mg/L
ICB1	ICB1			W	6/12/17					
Chloride		PASS	0.000	0.000			+/-0.0750			mg/L
CCV1	CCV1			W	6/20/17					
Chloride		PASS	2.954	2.95	98.0	90	110			mg/L
CCB1	CCB1			W	6/20/17					
Chloride		PASS	0.000	0.000			+/-0.0750			mg/L
LB88219BLS	LB88219BLS			W	6/20/17					
Chloride		PASS	0.000	0.000			+/-0.0750			mg/L
LB88219BSS	LB88219BSS			W	6/20/17					
Chloride		PASS	2.981	2.98	99.0	90	110			mg/L
I3757-01	LOD-SOIL-01-QT3-2017		1	S	6/20/17					
Chloride		PASS	0.131	2.61						mg/Kg
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17					
Chloride		PASS	0.315	6.30	105.0	50.00	150.00			mg/Kg
CCV2	CCV2			W	6/20/17					
Chloride		PASS	2.961	2.96	99.0	90	110			mg/L
CCB2	CCB2			W	6/20/17					
Chloride		PASS	0.000	0.000			+/-0.0750			mg/L

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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB		Final Conc	%Rec	Method	Method	RPD	Max RPD	Units	Line 2
Fluoride											
STD1	STD1			W	6/12/17						
Fluoride		PASS	0.000	0.000						mg/L	
STD2	STD2			W	6/12/17						
Fluoride		PASS	0.221	0.221						mg/L	
STD3	STD3			W	6/12/17						
Fluoride		PASS	0.404	0.404						mg/L	
STD4	STD4			W	6/12/17						
Fluoride		PASS	0.768	0.768						mg/L	
STD5	STD5			W	6/12/17						
Fluoride		PASS	1.866	1.87						mg/L	
STD6	STD6			W	6/12/17						
Fluoride		PASS	3.963	3.96						mg/L	
STD7	STD7			W	6/12/17						
Fluoride		PASS	5.077	5.08						mg/L	
ICV1	ICV1			W	6/12/17						
Fluoride		PASS	2.121	2.12	106.0	90	110			mg/L	
ICB1	ICB1			W	6/12/17						
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L	
CCV1	CCV1			W	6/20/17						
Fluoride		PASS	2.116	2.12	106.0	90	110			mg/L	
CCB1	CCB1			W	6/20/17						
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L	
LB88219BLS	LB88219BLS			W	6/20/17						
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L	
LB88219BSS	LB88219BSS			W	6/20/17						
Fluoride		PASS	2.120	2.12	106.0	90	110			mg/L	
I3757-01	LOD-SOIL-01-QT3-2017		1	S	6/20/17						
Fluoride		PASS	0.191	3.81						mg/Kg	
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17						
Fluoride		PASS	0.297	5.94	149.0	50.00	150.00			mg/Kg	
CCV2	CCV2			W	6/20/17						
Fluoride		PASS	2.160	2.16	108.0	90	110			mg/L	
CCB2	CCB2			W	6/20/17						
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L	

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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB		Final Conc	%Rec	Method	Method	RPD	Max RPD	Units	Line 2
Nitrate											
STD1	STD1			W	6/12/17						
Nitrate		PASS	0.000	0.000						mg/L	
STD2	STD2			W	6/12/17						
Nitrate		PASS	0.190	0.190						mg/L	
STD3	STD3			W	6/12/17						
Nitrate		PASS	0.528	0.528						mg/L	
STD4	STD4			W	6/12/17						
Nitrate		PASS	0.942	0.942						mg/L	
STD5	STD5			W	6/12/17						
Nitrate		PASS	2.443	2.44						mg/L	
STD6	STD6			W	6/12/17						
Nitrate		PASS	4.979	4.98						mg/L	
STD7	STD7			W	6/12/17						
Nitrate		PASS	6.294	6.29						mg/L	
ICV1	ICV1			W	6/12/17						
Nitrate		PASS	2.409	2.41	96.0	90	110			mg/L	
ICB1	ICB1			W	6/12/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	
CCV1	CCV1			W	6/20/17						
Nitrate		PASS	2.415	2.42	97.0	90	110			mg/L	
CCB1	CCB1			W	6/20/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	
LB88219BLS	LB88219BLS			W	6/20/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	
LB88219BSS	LB88219BSS			W	6/20/17						
Nitrate		PASS	2.422	2.42	97.0	90	110			mg/L	
I3757-01	LOD-SOIL-01-QT3-2017		1	S	6/20/17						
Nitrate		PASS	0.143	2.85						mg/Kg	
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17						
Nitrate		PASS	0.286	5.72	114.0	50.00	150.00			mg/Kg	
CCV2	CCV2			W	6/20/17						
Nitrate		PASS	2.477	2.48	99.0	90	110			mg/L	
CCB2	CCB2			W	6/20/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	

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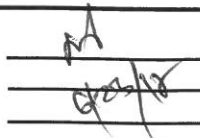
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 Approved Date : 6/22/17
 Worksheet # :

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB	Final Conc		%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrite											
STD1	STD1			W	6/12/17						
Nitrite		PASS	0.000	0.000						mg/L	
STD2	STD2			W	6/12/17						
Nitrite		PASS	0.224	0.224						mg/L	
STD3	STD3			W	6/12/17						
Nitrite		PASS	0.619	0.619						mg/L	
STD4	STD4			W	6/12/17						
Nitrite		PASS	1.137	1.14						mg/L	
STD5	STD5			W	6/12/17						
Nitrite		PASS	2.966	2.97						mg/L	
STD6	STD6			W	6/12/17						
Nitrite		PASS	5.931	5.93						mg/L	
STD7	STD7			W	6/12/17						
Nitrite		PASS	7.573	7.57						mg/L	
ICV1	ICV1			W	6/12/17						
Nitrite		PASS	2.921	2.92	97.0	90	110			mg/L	
ICB1	ICB1			W	6/12/17						
Nitrite		PASS	0.000	0.000			+/-0.0220			mg/L	
CCV1	CCV1			W	6/20/17						
Nitrite		PASS	2.923	2.92	97.0	90	110			mg/L	
CCB1	CCB1			W	6/20/17						
Nitrite		PASS	0.000	0.000			+/-0.0220			mg/L	
LB88219BLS	LB88219BLS			W	6/20/17						
Nitrite		PASS	0.000	0.000			+/-0.0220			mg/L	
LB88219BSS	LB88219BSS			W	6/20/17						
Nitrite		PASS	2.947	2.95	98.0	90	110			mg/L	
I3757-01	LOD-SOIL-01-QT3-2017		1	S	6/20/17						
Nitrite		PASS	0.155	3.09						mg/Kg	
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17						
Nitrite		PASS	0.347	6.94	116.0	50.00	150.00			mg/Kg	
CCV2	CCV2			W	6/20/17						
Nitrite		PASS	2.940	2.94	98.0	90	110			mg/L	
CCB2	CCB2			W	6/20/17						
Nitrite		PASS	0.000	0.000			+/-0.0220			mg/L	

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 Worksheet # : 1

Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB	Final Conc		%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Ortho Phosphate											
STD1	STD1			W	6/12/17						
Ortho Phosphate		PASS	0.000	0.000						mg/L	
STD2	STD2			W	6/12/17						
Ortho Phosphate		PASS	0.211	0.211						mg/L	
STD3	STD3			W	6/12/17						
Ortho Phosphate		PASS	1.001	1.00						mg/L	
STD4	STD4			W	6/12/17						
Ortho Phosphate		PASS	2.036	2.04						mg/L	
STD5	STD5			W	6/12/17						
Ortho Phosphate		PASS	5.141	5.14						mg/L	
STD6	STD6			W	6/12/17						
Ortho Phosphate		PASS	9.677	9.68						mg/L	
STD7	STD7			W	6/12/17						
Ortho Phosphate		PASS	12.684	12.7						mg/L	
ICV1	ICV1			W	6/12/17						
Ortho Phosphate		PASS	5.143	5.14	103.0	90	110			mg/L	
ICB1	ICB1			W	6/12/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	
CCV1	CCV1			W	6/20/17						
Ortho Phosphate		PASS	5.065	5.07	101.0	90	110			mg/L	
CCB1	CCB1			W	6/20/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	
LB88219BLS	LB88219BLS			W	6/20/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	
LB88219BSS	LB88219BSS			W	6/20/17						
Ortho Phosphate		PASS	5.227	5.23	105.0	90	110			mg/L	
I3757-01	LOD-SOIL-01-QT3-2017			S	6/20/17						
Ortho Phosphate		PASS	-0.002	-0.040						mg/Kg	
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17						
Ortho Phosphate		PASS	0.357	7.14	71.0	50.00	150.00			mg/Kg	
CCV2	CCV2			W	6/20/17						
Ortho Phosphate		PASS	5.107	5.11	102.0	90	110			mg/L	
CCB2	CCB2			W	6/20/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	

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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter		PPB	Final Conc		%Rec	Method	Method	RPD	Max RPD	Units	Line 2
Sulfate											
STD1	STD1			W	6/12/17						
Sulfate		PASS	0.000	0.000						mg/L	
STD2	STD2			W	6/12/17						
Sulfate		PASS	1.209	1.21						mg/L	
STD3	STD3			W	6/12/17						
Sulfate		PASS	3.194	3.19						mg/L	
STD4	STD4			W	6/12/17						
Sulfate		PASS	5.649	5.65						mg/L	
STD5	STD5			W	6/12/17						
Sulfate		PASS	14.597	14.6						mg/L	
STD6	STD6			W	6/12/17						
Sulfate		PASS	29.657	29.7						mg/L	
STD7	STD7			W	6/12/17						
Sulfate		PASS	37.944	37.9						mg/L	
ICV1	ICV1			W	6/12/17						
Sulfate		PASS	14.502	14.50	97.0	90	110			mg/L	
ICB1	ICB1			W	6/12/17						
Sulfate		PASS	0.000	0.000			+/-0.1320			mg/L	
CCV1	CCV1			W	6/20/17						
Sulfate		PASS	14.629	14.60	97.0	90	110			mg/L	
CCB1	CCB1			W	6/20/17						
Sulfate		PASS	0.000	0.000			+/-0.1320			mg/L	
LB88219BLS	LB88219BLS			W	6/20/17						
Sulfate		PASS	0.000	0.000			+/-0.1320			mg/L	
LB88219BSS	LB88219BSS			W	6/20/17						
Sulfate		PASS	14.855	14.90	99.0	90	110			mg/L	
I3757-01	LOD-SOIL-01-QT3-2017		1	S	6/20/17						
Sulfate		PASS	0.977	19.5						mg/Kg	
I3757-02	LOQ-SOIL-02-QT3-2017			S	6/20/17						
Sulfate		PASS	1.788	35.80	119.0	50.00	150.00			mg/Kg	
CCV2	CCV2			W	6/20/17						
Sulfate		PASS	14.504	14.50	97.0	90	110			mg/L	
CCB2	CCB2			W	6/20/17						
Sulfate		PASS	0.000	0.000			+/-0.1320			mg/L	