

Chemtech Consulting Group

Analytical Review Report

Date Printed : 4/7/17
 Analyst : AK
 Data File : LB86667.csv

Approved By : 
 Approved Date : 4/10/17
 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
Bromide										
STD1	STD1			W	4/4/17					
Bromide		PASS		0.000	0.000					mg/L
STD2	STD2			W	4/4/17					
Bromide		PASS		0.748	0.748					mg/L
STD3	STD3			W	4/4/17					
Bromide		PASS		2.139	2.14					mg/L
STD4	STD4			W	4/4/17					
Bromide		PASS		4.036	4.04					mg/L
STD5	STD5			W	4/5/17					
Bromide		PASS		9.979	9.98					mg/L
STD6	STD6			W	4/5/17					
Bromide		PASS		20.363	20.4					mg/L
STD7	STD7			W	4/5/17					
Bromide		PASS		25.032	25.0					mg/L
CCV1	CCV1			W	4/5/17					
Bromide		PASS		9.805	9.80	98.0	90	110		mg/L
CCB1	CCB1			W	4/5/17					
Bromide		PASS		0.000	0.000			+/-0.0660		mg/L
ICV1	ICV1			W	4/5/17					
Bromide		PASS		9.517	9.52	95.0	90	110		mg/L
ICB1	ICB1			W	4/5/17					
Bromide		PASS		0.000	0.000			+/-0.0660		mg/L
LB86667BLS	LB86667BLS			S	4/5/17					
Bromide		PASS		0.000	0.000			+/-0.1900		mg/Kg
LB86667BSS	LB86667BSS			S	4/5/17					
Bromide		PASS		9.483	190.00	95.0	90.00	110.00		mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017		1	S	4/5/17					
Bromide		PASS		0.340	6.77					mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/5/17					
Bromide		PASS		1.177	23.50	118.0	50.00	150.00		mg/Kg
CCV2	CCV2			W	4/5/17					
Bromide		PASS		9.851	9.85	99.0	90	110		mg/L
CCB2	CCB2			W	4/5/17					
Bromide		PASS		0.000	0.000			+/-0.0660		mg/L

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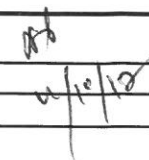
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Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Chloride												
STD1	STD1				W	4/4/17						
Chloride		PASS	0.000		0.000						mg/L	
STD2	STD2				W	4/4/17						
Chloride		PASS	0.235		0.235						mg/L	
STD3	STD3				W	4/4/17						
Chloride		PASS	0.659		0.659						mg/L	
STD4	STD4				W	4/4/17						
Chloride		PASS	1.221		1.22						mg/L	
STD5	STD5				W	4/5/17						
Chloride		PASS	3.024		3.02						mg/L	
STD6	STD6				W	4/5/17						
Chloride		PASS	6.121		6.12						mg/L	
STD7	STD7				W	4/5/17						
Chloride		PASS	7.503		7.50						mg/L	
CCV1	CCV1				W	4/5/17						
Chloride		PASS	2.943		2.94	98.0	90	110			mg/L	
CCB1	CCB1				W	4/5/17						
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L	
ICV1	ICV1				W	4/5/17						
Chloride		PASS	2.848		2.85	95.0	90	110			mg/L	
ICB1	ICB1				W	4/5/17						
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L	
LB86667BLS	LB86667BLS				S	4/5/17						
Chloride		PASS	0.000		0.000			+/-0.0320			mg/Kg	
LB86667BSS	LB86667BSS				S	4/5/17						
Chloride		PASS	2.838		56.80	95.0	90.00	110.00			mg/Kg	
I2296-01	LOD-SOIL-01-QT2-2017			1	S	4/5/17						
Chloride		PASS	0.071		1.41						mg/Kg	
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/5/17						
Chloride		PASS	0.347		6.94	116.0	50.00	150.00			mg/Kg	
CCV2	CCV2				W	4/5/17						
Chloride		PASS	2.953		2.95	98.0	90	110			mg/L	
CCB2	CCB2				W	4/5/17						
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L	

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Parameter		PPB	Final Conc		%Rec	LCL	UCL	RPD	Max RPD	Units
										Line 2
Fluoride										
STD1	STD1			W	4/4/17					
Fluoride		PASS	0.000	0.000						mg/L
STD2	STD2			W	4/4/17					
Fluoride		PASS	0.161	0.161						mg/L
STD3	STD3			W	4/4/17					
Fluoride		PASS	0.460	0.460						mg/L
STD4	STD4			W	4/4/17					
Fluoride		PASS	0.830	0.830						mg/L
STD5	STD5			W	4/5/17					
Fluoride		PASS	1.993	1.99						mg/L
STD6	STD6			W	4/5/17					
Fluoride		PASS	4.198	4.20						mg/L
STD7	STD7			W	4/5/17					
Fluoride		PASS	4.963	4.96						mg/L
CCV1	CCV1			W	4/5/17					
Fluoride		PASS	1.889	1.89	95.0	90	110			mg/L
CCB1	CCB1			W	4/5/17					
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L
ICV1	ICV1			W	4/5/17					
Fluoride		PASS	1.883	1.88	94.0	90	110			mg/L
ICB1	ICB1			W	4/5/17					
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L
LB86667BLS	LB86667BLS			S	4/5/17					
Fluoride		PASS	0.000	0.000			+/-0.0170			mg/Kg
LB86667BSS	LB86667BSS			S	4/5/17					
Fluoride		PASS	1.876	37.50	94.0	90.00	110.00			mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			S	4/5/17					
Fluoride		PASS	0.072	1.43						mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/5/17					
Fluoride		PASS	0.250	5.00	125.0	50.00	150.00			mg/Kg
CCV2	CCV2			W	4/5/17					
Fluoride		PASS	1.946	1.95	98.0	90	110			mg/L
CCB2	CCB2			W	4/5/17					
Fluoride		PASS	0.000	0.000			+/-0.0430			mg/L

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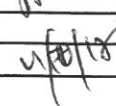
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Lab Sample ID	Client ID	Raw Amt PPB	Dil	Matrix	A. Date	Prep Method	Analysis Method	Line 1
Parameter			Final Conc	%Rec		LCL	UCL	Line 2
Nitrate								
STD1	STD1			W	4/4/17			
Nitrate		PASS	0.000	0.000				mg/L
STD2	STD2			W	4/4/17			
Nitrate		PASS	0.198	0.198				mg/L
STD3	STD3			W	4/4/17			
Nitrate		PASS	0.538	0.538				mg/L
STD4	STD4			W	4/4/17			
Nitrate		PASS	1.004	1.00				mg/L
STD5	STD5			W	4/5/17			
Nitrate		PASS	2.484	2.48				mg/L
STD6	STD6			W	4/5/17			
Nitrate		PASS	5.073	5.07				mg/L
STD7	STD7			W	4/5/17			
Nitrate		PASS	6.262	6.26				mg/L
CCV1	CCV1			W	4/5/17			
Nitrate		PASS	2.445	2.44	98.0	90	110	mg/L
CCB1	CCB1			W	4/5/17			
Nitrate		PASS	0.000	0.000			+/-0.0270	mg/L
ICV1	ICV1			W	4/5/17			
Nitrate		PASS	2.380	2.38	95.0	90	110	mg/L
ICB1	ICB1			W	4/5/17			
Nitrate		PASS	0.000	0.000			+/-0.0270	mg/L
LB86667BLS	LB86667BLS			S	4/5/17			
Nitrate		PASS	0.000	0.000			+/-0.0110	mg/Kg
LB86667BSS	LB86667BSS			S	4/5/17			
Nitrate		PASS	2.368	47.40	95.0	90.00	110.00	mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017		1	S	4/5/17			
Nitrate		PASS	0.094	1.87				mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/5/17			
Nitrate		PASS	0.299	5.98	120.0	50.00	150.00	mg/Kg
CCV2	CCV2			W	4/5/17			
Nitrate		PASS	2.456	2.46	98.0	90	110	mg/L
CCB2	CCB2			W	4/5/17			
Nitrate		PASS	0.000	0.000			+/-0.0270	mg/L

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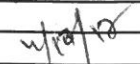
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Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
										Line 2
Nitrite										
STD1	STD1			W	4/4/17					
Nitrite		PASS		0.000	0.000					mg/L
STD2	STD2			W	4/4/17					
Nitrite		PASS		0.243	0.243					mg/L
STD3	STD3			W	4/4/17					
Nitrite		PASS		0.638	0.638					mg/L
STD4	STD4			W	4/4/17					
Nitrite		PASS		1.200	1.20					mg/L
STD5	STD5			W	4/5/17					
Nitrite		PASS		2.992	2.99					mg/L
STD6	STD6			W	4/5/17					
Nitrite		PASS		6.105	6.10					mg/L
STD7	STD7			W	4/5/17					
Nitrite		PASS		7.533	7.53					mg/L
CCV1	CCV1			W	4/5/17					
Nitrite		PASS		2.933	2.93	98.0	90	110		mg/L
CCB1	CCB1			W	4/5/17					
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L
ICV1	ICV1			W	4/5/17					
Nitrite		PASS		2.862	2.86	95.0	90	110		mg/L
ICB1	ICB1			W	4/5/17					
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L
LB86667BLS	LB86667BLS			S	4/5/17					
Nitrite		PASS		0.000	0.000			+/-0.0100		mg/Kg
LB86667BSS	LB86667BSS			S	4/5/17					
Nitrite		PASS		2.849	57.00	95.0	90.00	110.00		mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017		I	S	4/5/17					
Nitrite		PASS		0.122	2.43					mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/5/17					
Nitrite		PASS		0.363	7.26	121.0	50.00	150.00		mg/Kg
CCV2	CCV2			W	4/5/17					
Nitrite		PASS		2.955	2.96	99.0	90	110		mg/L
CCB2	CCB2			W	4/5/17					
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L

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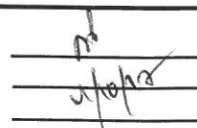
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis		Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method		Line 2
Ortho Phosphate										
STD1	STD1				W	4/4/17				
Ortho Phosphate		PASS	0.000		0.000					mg/L
STD2	STD2				W	4/4/17				
Ortho Phosphate		PASS	0.597		0.597					mg/L
STD3	STD3				W	4/4/17				
Ortho Phosphate		PASS	1.557		1.56					mg/L
STD4	STD4				W	4/4/17				
Ortho Phosphate		PASS	2.527		2.53					mg/L
STD5	STD5				W	4/5/17				
Ortho Phosphate		PASS	5.764		5.76					mg/L
STD6	STD6				W	4/5/17				
Ortho Phosphate		PASS	10.704		10.7					mg/L
STD7	STD7				W	4/5/17				
Ortho Phosphate		PASS	12.420		12.4					mg/L
CCV1	CCV1				W	4/5/17				
Ortho Phosphate		PASS	5.081		5.08	102.0	90	110		mg/L
CCB1	CCB1				W	4/5/17				
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L
ICV1	ICV1				W	4/5/17				
Ortho Phosphate		PASS	5.046		5.05	101.0	90	110		mg/L
ICB1	ICB1				W	4/5/17				
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L
LB86667BLS	LB86667BLS				S	4/5/17				
Ortho Phosphate		PASS	0.000		0.000			+/-0.0020		mg/Kg
LB86667BSS	LB86667BSS				S	4/5/17				
Ortho Phosphate		PASS	5.052		101.00	101.0	90.00	110.00		mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017				S	4/5/17				
Ortho Phosphate		PASS	-0.462		-9.20					mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/5/17				
Ortho Phosphate		PASS	0.527		10.50	105.0	50.00	150.00		mg/Kg
CCV2	CCV2				W	4/5/17				
Ortho Phosphate		PASS	5.227		5.23	105.0	90	110		mg/L
CCB2	CCB2				W	4/5/17				
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100		mg/L

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Parameter			Final Conc	%Rec		LCL	UCL	Line 2
Sulfate								
STD1	STD1			W	4/4/17			
Sulfate		PASS	0.000	0.000				mg/L
STD2	STD2			W	4/4/17			
Sulfate		PASS	1.507	1.51				mg/L
STD3	STD3			W	4/4/17			
Sulfate		PASS	3.424	3.42				mg/L
STD4	STD4			W	4/4/17			
Sulfate		PASS	6.061	6.06				mg/L
STD5	STD5			W	4/5/17			
Sulfate		PASS	14.547	14.5				mg/L
STD6	STD6			W	4/5/17			
Sulfate		PASS	29.721	29.7				mg/L
STD7	STD7			W	4/5/17			
Sulfate		PASS	37.684	37.7				mg/L
CCV1	CCV1			W	4/5/17			
Sulfate		PASS	14.464	14.50	97.0	90	110	mg/L
CCB1	CCB1			W	4/5/17			
Sulfate		PASS	0.000	0.000			+/-0.1320	mg/L
ICV1	ICV1			W	4/5/17			
Sulfate		PASS	14.098	14.10	94.0	90	110	mg/L
ICB1	ICB1			W	4/5/17			
Sulfate		PASS	0.000	0.000			+/-0.1320	mg/L
LB86667BLS	LB86667BLS			S	4/5/17			
Sulfate		PASS	0.000	0.000			+/-0.0960	mg/Kg
LB86667BSS	LB86667BSS			S	4/5/17			
Sulfate		PASS	14.041	281.00	94.0	90.00	110.00	mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			S	4/5/17			
Sulfate		PASS	0.747	14.9				mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/5/17			
Sulfate		PASS	1.898	38.00	127.0	50.00	150.00	mg/Kg
CCV2	CCV2			W	4/5/17			
Sulfate		PASS	14.545	14.50	97.0	90	110	mg/L
CCB2	CCB2			W	4/5/17			
Sulfate		PASS	0.000	0.000			+/-0.1320	mg/L