

Chemtech Consulting Group

Analytical Review Report

Date Printed : 10/12/17
 Analyst : 
 Data File : LB90750.csv

Approved By : 
 Approved Date : 10/13/17
 Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Bromide											
STD1	STD1				W	9/6/17					
Bromide		PASS	0.000		0.000					mg/L	
STD2	STD2				W	9/6/17					
Bromide		PASS	0.853		0.853					mg/L	
STD3	STD3				W	9/6/17					
Bromide		PASS	2.187		2.19					mg/L	
STD4	STD4				W	9/6/17					
Bromide		PASS	3.987		3.99					mg/L	
STD5	STD5				W	9/6/17					
Bromide		PASS	9.638		9.64					mg/L	
STD6	STD6				W	9/6/17					
Bromide		PASS	19.686		19.7					mg/L	
STD7	STD7				W	9/6/17					
Bromide		PASS	25.417		25.4					mg/L	
ICV1	ICV1				W	9/6/17					
Bromide		PASS	9.785		9.78	98.0	90	110		mg/L	
ICB1	ICB1				W	9/6/17					
Bromide		PASS	0.000		0.000			+/-0.0660		mg/L	
CCV1	CCV1				W	9/19/17					
Bromide		PASS	9.688		9.69	97.0	90	110		mg/L	
CCB1	CCB1				W	9/19/17					
Bromide		PASS	0.000		0.000			+/-0.0660		mg/L	
LB90750BLS	LB90750BLS				S	9/19/17					
Bromide		PASS	0.000		0.000			+/-0.1900		mg/Kg	
LB90750BSS	LB90750BSS				S	9/19/17					
Bromide		PASS	9.488		190.00	95.0	90.00	110.00		mg/Kg	
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Bromide		PASS	0.434		8.65					mg/Kg	
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Bromide		PASS	1.236		24.70	124.0	50.00	150.00		mg/Kg	
CCV2	CCV2				W	9/19/17					
Bromide		PASS	9.712		9.71	97.0	90	110		mg/L	
CCB2	CCB2				W	9/19/17					
Bromide		PASS	0.000		0.000			+/-0.0660		mg/L	

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Chloride											
STD1	STD1				W	9/6/17					
Chloride		PASS	0.000		0.000					mg/L	
STD2	STD2				W	9/6/17					
Chloride		PASS	0.255		0.255					mg/L	
STD3	STD3				W	9/6/17					
Chloride		PASS	0.652		0.652					mg/L	
STD4	STD4				W	9/6/17					
Chloride		PASS	1.197		1.20					mg/L	
STD5	STD5				W	9/6/17					
Chloride		PASS	2.880		2.88					mg/L	
STD6	STD6				W	9/6/17					
Chloride		PASS	5.877		5.88					mg/L	
STD7	STD7				W	9/6/17					
Chloride		PASS	7.630		7.63					mg/L	
ICV1	ICV1				W	9/6/17					
Chloride		PASS	2.936		2.94	98.0	90	110		mg/L	
ICB1	ICB1				W	9/6/17					
Chloride		PASS	0.000		0.000			+/-0.0750		mg/L	
CCV1	CCV1				W	9/19/17					
Chloride		PASS	2.936		2.94	98.0	90	110		mg/L	
CCB1	CCB1				W	9/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750		mg/L	
LB90750BLS	LB90750BLS				S	9/19/17					
Chloride		PASS	0.000		0.000			+/-0.0320		mg/Kg	
LB90750BSS	LB90750BSS				S	9/19/17					
Chloride		PASS	2.879		57.60	96.0	90.00	110.00		mg/Kg	
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Chloride		PASS	0.125		2.49					mg/Kg	
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Chloride		PASS	0.392		7.84	131.0	50.00	150.00		mg/Kg	
CCV2	CCV2				W	9/19/17					
Chloride		PASS	2.951		2.95	98.0	90	110		mg/L	
CCB2	CCB2				W	9/19/17					
Chloride		PASS	0.000		0.000			+/-0.0750		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	Method	Method		Line 2
Fluoride										
STD1	STD1				W	9/6/17				
Fluoride		PASS	0.000		0.000					mg/L
STD2	STD2				W	9/6/17				
Fluoride		PASS	0.188		0.188					mg/L
STD3	STD3				W	9/6/17				
Fluoride		PASS	0.449		0.449					mg/L
STD4	STD4				W	9/6/17				
Fluoride		PASS	0.833		0.833					mg/L
STD5	STD5				W	9/6/17				
Fluoride		PASS	1.934		1.93					mg/L
STD6	STD6				W	9/6/17				
Fluoride		PASS	3.858		3.86					mg/L
STD7	STD7				W	9/6/17				
Fluoride		PASS	5.085		5.08					mg/L
ICV1	ICV1				W	9/6/17				
Fluoride		PASS	2.027		2.03	102.0	90	110		mg/L
ICB1	ICB1				W	9/6/17				
Fluoride		PASS	0.000		0.000			+/-0.0430		mg/L
CCV1	CCV1				W	9/19/17				
Fluoride		PASS	2.054		2.05	103.0	90	110		mg/L
CCB1	CCB1				W	9/19/17				
Fluoride		PASS	0.000		0.000			+/-0.0430		mg/L
LB90750BLS	LB90750BLS				S	9/19/17				
Fluoride		PASS	0.000		0.000			+/-0.0170		mg/Kg
LB90750BSS	LB90750BSS				S	9/19/17				
Fluoride		PASS	2.029		40.60	102.0	90.00	110.00		mg/Kg
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17				
Fluoride		PASS	0.062		1.24					mg/Kg
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17				
Fluoride		PASS	0.249		4.98	125.0	50.00	150.00		mg/Kg
CCV2	CCV2				W	9/19/17				
Fluoride		PASS	2.047		2.05	103.0	90	110		mg/L
CCB2	CCB2				W	9/19/17				
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			Line 2
Nitrate											
STD1	STD1				W	9/6/17					
Nitrate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	9/6/17					
Nitrate		PASS	0.216		0.216					mg/L	
STD3	STD3				W	9/6/17					
Nitrate		PASS	0.545		0.545					mg/L	
STD4	STD4				W	9/6/17					
Nitrate		PASS	0.993		0.993					mg/L	
STD5	STD5				W	9/6/17					
Nitrate		PASS	2.396		2.40					mg/L	
STD6	STD6				W	9/6/17					
Nitrate		PASS	4.910		4.91					mg/L	
STD7	STD7				W	9/6/17					
Nitrate		PASS	6.362		6.36					mg/L	
ICV1	ICV1				W	9/6/17					
Nitrate		PASS	2.449		2.45	98.0	90	110		mg/L	
ICB1	ICB1				W	9/6/17					
Nitrate		PASS	0.000		0.000			+/-0.0270		mg/L	
CCV1	CCV1				W	9/19/17					
Nitrate		PASS	2.414		2.41	96.0	90	110		mg/L	
CCB1	CCB1				W	9/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0270		mg/L	
LB90750BLS	LB90750BLS				S	9/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0110		mg/Kg	
LB90750BSS	LB90750BSS				S	9/19/17					
Nitrate		PASS	2.372		47.40	95.0	90.00	110.00		mg/Kg	
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Nitrate		PASS	0.117		2.33					mg/Kg	
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Nitrate		PASS	0.316		6.32	126.0	50.00	150.00		mg/Kg	
CCV2	CCV2				W	9/19/17					
Nitrate		PASS	2.422		2.42	97.0	90	110		mg/L	
CCB2	CCB2				W	9/19/17					
Nitrate		PASS	0.000		0.000			+/-0.0270		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	LCL	UCL	RPD	Max RPD	Units
											Line 2
Nitrite											
STD1	STD1				W	9/6/17					
Nitrite		PASS	0.000		0.000						mg/L
STD2	STD2				W	9/6/17					
Nitrite		PASS	0.271		0.271						mg/L
STD3	STD3				W	9/6/17					
Nitrite		PASS	0.653		0.653						mg/L
STD4	STD4				W	9/6/17					
Nitrite		PASS	1.184		1.18						mg/L
STD5	STD5				W	9/6/17					
Nitrite		PASS	2.858		2.86						mg/L
STD6	STD6				W	9/6/17					
Nitrite		PASS	5.900		5.90						mg/L
STD7	STD7				W	9/6/17					
Nitrite		PASS	7.627		7.63						mg/L
ICV1	ICV1				W	9/6/17					
Nitrite		PASS	2.929		2.93	98.0	90	110			mg/L
ICB1	ICB1				W	9/6/17					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
CCV1	CCV1				W	9/19/17					
Nitrite		PASS	2.891		2.89	96.0	90	110			mg/L
CCB1	CCB1				W	9/19/17					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
LB90750BLS	LB90750BLS				S	9/19/17					
Nitrite		PASS	0.000		0.000			+/-0.0100			mg/Kg
LB90750BSS	LB90750BSS				S	9/19/17					
Nitrite		PASS	2.830		56.60	94.0	90.00	110.00			mg/Kg
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Nitrite		PASS	0.000		0.000						mg/Kg
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Nitrite		PASS	0.383		7.66	128.0	50.00	150.00			mg/Kg
CCV2	CCV2				W	9/19/17					
Nitrite		PASS	2.889		2.89	96.0	90	110			mg/L
CCB2	CCB2				W	9/19/17					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L

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Parameter			PPB		Final Conc	%Rec	Method	Method	LCL	UCL	Line 2
Ortho Phosphate											
STD1	STD1				W	9/6/17					
Ortho Phosphate		PASS	0.000		0.000						mg/L
STD2	STD2				W	9/6/17					
Ortho Phosphate		PASS	0.287		0.287						mg/L
STD3	STD3				W	9/6/17					
Ortho Phosphate		PASS	1.170		1.17						mg/L
STD4	STD4				W	9/6/17					
Ortho Phosphate		PASS	2.038		2.04						mg/L
STD5	STD5				W	9/6/17					
Ortho Phosphate		PASS	4.793		4.79						mg/L
STD6	STD6				W	9/6/17					
Ortho Phosphate		PASS	9.950		9.95						mg/L
STD7	STD7				W	9/6/17					
Ortho Phosphate		PASS	12.478		12.5						mg/L
ICV1	ICV1				W	9/6/17					
Ortho Phosphate		PASS	5.202		5.20	104.0	90	110			mg/L
ICB1	ICB1				W	9/6/17					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L
CCV1	CCV1				W	9/19/17					
Ortho Phosphate		PASS	4.823		4.82	96.0	90	110			mg/L
CCB1	CCB1				W	9/19/17					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L
LB90750BLS	LB90750BLS				S	9/19/17					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0020			mg/Kg
LB90750BSS	LB90750BSS				S	9/19/17					
Ortho Phosphate		PASS	4.988		99.80	100.0	90.00	110.00			mg/Kg
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Ortho Phosphate		PASS	-0.056		-1.12						mg/Kg
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Ortho Phosphate		PASS	0.616		12.30	123.0	50.00	150.00			mg/Kg
CCV2	CCV2				W	9/19/17					
Ortho Phosphate		PASS	5.098		5.10	102.0	90	110			mg/L
CCB2	CCB2				W	9/19/17					
Ortho Phosphate		PASS	0.000		0.000			+/-0.0100			mg/L

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Parameter			PPB		Final Conc	%Rec	Method	Method			Line 2
Sulfate											
STD1	STD1				W	9/6/17					
Sulfate		PASS	0.000		0.000					mg/L	
STD2	STD2				W	9/6/17					
Sulfate		PASS	1.436		1.44					mg/L	
STD3	STD3				W	9/6/17					
Sulfate		PASS	3.325		3.32					mg/L	
STD4	STD4				W	9/6/17					
Sulfate		PASS	5.940		5.94					mg/L	
STD5	STD5				W	9/6/17					
Sulfate		PASS	14.169		14.2					mg/L	
STD6	STD6				W	9/6/17					
Sulfate		PASS	29.252		29.3					mg/L	
STD7	STD7				W	9/6/17					
Sulfate		PASS	38.229		38.2					mg/L	
ICV1	ICV1				W	9/6/17					
Sulfate		PASS	14.593		14.60	97.0	90	110		mg/L	
ICB1	ICB1				W	9/6/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
CCV1	CCV1				W	9/19/17					
Sulfate		PASS	14.554		14.60	97.0	90	110		mg/L	
CCB1	CCB1				W	9/19/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	
LB90750BLS	LB90750BLS				S	9/19/17					
Sulfate		PASS	0.000		0.000			+/-0.0960		mg/Kg	
LB90750BSS	LB90750BSS				S	9/19/17					
Sulfate		PASS	14.220		284.00	95.0	90.00	110.00		mg/Kg	
I5275-01	LOD-SOIL-01-QT4-2017			1	S	9/19/17					
Sulfate		PASS	0.808		16.1					mg/Kg	
I5275-02	LOQ-SOIL-02-QT4-2017				S	9/19/17					
Sulfate		PASS	1.963		39.30	131.0	50.00	150.00		mg/Kg	
CCV2	CCV2				W	9/19/17					
Sulfate		PASS	14.596		14.60	97.0	90	110		mg/L	
CCB2	CCB2				W	9/19/17					
Sulfate		PASS	0.000		0.000			+/-0.1320		mg/L	