

Chemtech Consulting Group

Analytical Review Report

Date Printed : 4/14/17

Analyst :

Data File : LB86773.csv

Approved By :

Approved Date :

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	4/7/17					
Bromide		PASS	0.000		0.000						mg/L
STD2	STD2				W	4/7/17					
Bromide		PASS	0.603		0.603						mg/L
STD3	STD3				W	4/7/17					
Bromide		PASS	2.106		2.11						mg/L
STD4	STD4				W	4/7/17					
Bromide		PASS	3.991		3.99						mg/L
STD5	STD5				W	4/7/17					
Bromide		PASS	9.740		9.74						mg/L
STD6	STD6				W	4/7/17					
Bromide		PASS	19.856		19.9						mg/L
STD7	STD7				W	4/7/17					
Bromide		PASS	25.204		25.2						mg/L
CCV1	CCV1				W	4/7/17					
Bromide		PASS	9.903		9.90	99.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L
ICV1	ICV1				W	4/7/17					
Bromide		PASS	10.129		10.10	101.0	90	110			mg/L
ICB1	ICB1				W	4/7/17					
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L
LB86773BLS	LB86773BLS				S	4/7/17					
Bromide		PASS	0.000		0.000			+/-0.1900			mg/Kg
LB86773BSS	LB86773BSS				S	4/7/17					
Bromide		PASS	10.038		201.00	101.0	90.00	110.00			mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			1	S	4/7/17					
Bromide		PASS	0.370		7.37						mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/7/17					
Bromide		PASS	1.295		25.80	129.0	50.00	150.00			mg/Kg
CCV1	CCV1				W	4/7/17					
Bromide		PASS	9.921		9.92	99.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Bromide		PASS	0.000		0.000			+/-0.0660			mg/L

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Parameter			PPB			%Rec	Method	Method			Line 2
Chloride											
STD1	STD1				W	4/7/17					
Chloride		PASS	0.000		0.000						mg/L
STD2	STD2				W	4/7/17					
Chloride		PASS	0.223		0.223						mg/L
STD3	STD3				W	4/7/17					
Chloride		PASS	0.631		0.631						mg/L
STD4	STD4				W	4/7/17					
Chloride		PASS	1.182		1.18						mg/L
STD5	STD5				W	4/7/17					
Chloride		PASS	2.906		2.91						mg/L
STD6	STD6				W	4/7/17					
Chloride		PASS	5.889		5.89						mg/L
STD7	STD7				W	4/7/17					
Chloride		PASS	7.620		7.62						mg/L
CCV1	CCV1				W	4/7/17					
Chloride		PASS	2.939		2.94	98.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
ICV1	ICV1				W	4/7/17					
Chloride		PASS	2.935		2.94	98.0	90	110			mg/L
ICB1	ICB1				W	4/7/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
LB86773BLS	LB86773BLS				S	4/7/17					
Chloride		PASS	0.000		0.000			+/-0.0320			mg/Kg
LB86773BSS	LB86773BSS				S	4/7/17					
Chloride		PASS	3.016		60.30	101.0	90.00	110.00			mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			1	S	4/7/17					
Chloride		PASS	0.109		2.17						mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/7/17					
Chloride		PASS	0.365		7.29	122.0	50.00	150.00			mg/Kg
CCV1	CCV1				W	4/7/17					
Chloride		PASS	2.941		2.94	98.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
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	4/7/17					
Fluoride		PASS	0.000		0.000						mg/L
STD2	STD2				W	4/7/17					
Fluoride		PASS	0.109		0.109						mg/L
STD3	STD3				W	4/7/17					
Fluoride		PASS	0.422		0.422						mg/L
STD4	STD4				W	4/7/17					
Fluoride		PASS	0.783		0.783						mg/L
STD5	STD5				W	4/7/17					
Fluoride		PASS	1.986		1.99						mg/L
STD6	STD6				W	4/7/17					
Fluoride		PASS	3.971		3.97						mg/L
STD7	STD7				W	4/7/17					
Fluoride		PASS	5.029		5.03						mg/L
CCV1	CCV1				W	4/7/17					
Fluoride		PASS	2.021		2.02	101.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
ICV1	ICV1				W	4/7/17					
Fluoride		PASS	2.074		2.07	104.0	90	110			mg/L
ICB1	ICB1				W	4/7/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L
LB86773BLS	LB86773BLS				S	4/7/17					
Fluoride		PASS	0.000		0.000			+/-0.0170			mg/Kg
LB86773BSS	LB86773BSS				S	4/7/17					
Fluoride		PASS	2.132		42.60	107.0	90.00	110.00			mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			1	S	4/7/17					
Fluoride		PASS	0.081		1.61						mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/7/17					
Fluoride		PASS	0.257		5.13	128.0	50.00	150.00			mg/Kg
CCV1	CCV1				W	4/7/17					
Fluoride		PASS	2.083		2.08	104.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Fluoride		PASS	0.000		0.000			+/-0.0430			mg/L

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Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrate											
STD1	STD1			W	4/7/17						
Nitrate		PASS	0.000	0.000						mg/L	
STD2	STD2			W	4/7/17						
Nitrate		PASS	0.193	0.193						mg/L	
STD3	STD3			W	4/7/17						
Nitrate		PASS	0.531	0.531						mg/L	
STD4	STD4			W	4/7/17						
Nitrate		PASS	0.981	0.981						mg/L	
STD5	STD5			W	4/7/17						
Nitrate		PASS	2.397	2.40						mg/L	
STD6	STD6			W	4/7/17						
Nitrate		PASS	4.934	4.93						mg/L	
STD7	STD7			W	4/7/17						
Nitrate		PASS	6.339	6.34						mg/L	
CCV1	CCV1			W	4/7/17						
Nitrate		PASS	2.434	2.43	97.0	90	110			mg/L	
CCB1	CCB1			W	4/7/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	
ICV1	ICV1			W	4/7/17						
Nitrate		PASS	2.443	2.44	98.0	90	110			mg/L	
ICB1	ICB1			W	4/7/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	
LB86773BLS	LB86773BLS			S	4/7/17						
Nitrate		PASS	0.000	0.000			+/-0.0110			mg/Kg	
LB86773BSS	LB86773BSS			S	4/7/17						
Nitrate		PASS	2.454	49.10	98.0	90.00	110.00			mg/Kg	
I2296-01	LOD-SOIL-01-QT2-2017		1	S	4/7/17						
Nitrate		PASS	0.109	2.17						mg/Kg	
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/7/17						
Nitrate		PASS	0.317	6.33	127.0	50.00	150.00			mg/Kg	
CCV1	CCV1			W	4/7/17						
Nitrate		PASS	2.431	2.43	97.0	90	110			mg/L	
CCB1	CCB1			W	4/7/17						
Nitrate		PASS	0.000	0.000			+/-0.0270			mg/L	

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Parameter				Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrite											
STD1	STD1			W	4/7/17						
Nitrite		PASS		0.000	0.000					mg/L	
STD2	STD2			W	4/7/17						
Nitrite		PASS		0.247	0.247					mg/L	
STD3	STD3			W	4/7/17						
Nitrite		PASS		0.623	0.623					mg/L	
STD4	STD4			W	4/7/17						
Nitrite		PASS		1.168	1.17					mg/L	
STD5	STD5			W	4/7/17						
Nitrite		PASS		2.883	2.88					mg/L	
STD6	STD6			W	4/7/17						
Nitrite		PASS		5.931	5.93					mg/L	
STD7	STD7			W	4/7/17						
Nitrite		PASS		7.598	7.60					mg/L	
CCV1	CCV1			W	4/7/17						
Nitrite		PASS		2.887	2.89	96.0	90	110		mg/L	
CCB1	CCB1			W	4/7/17						
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L	
ICV1	ICV1			W	4/7/17						
Nitrite		PASS		2.960	2.96	99.0	90	110		mg/L	
ICB1	ICB1			W	4/7/17						
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L	
LB86773BLS	LB86773BLS			S	4/7/17						
Nitrite		PASS		0.000	0.000			+/-0.0100		mg/Kg	
LB86773BSS	LB86773BSS			S	4/7/17						
Nitrite		PASS		2.991	59.80	100.0	90.00	110.00		mg/Kg	
I2296-01	LOD-SOIL-01-QT2-2017		1	S	4/7/17						
Nitrite		PASS		0.134	2.67					mg/Kg	
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/7/17						
Nitrite		PASS		0.373	7.45	124.0	50.00	150.00		mg/Kg	
CCV1	CCV1			W	4/7/17						
Nitrite		PASS		2.921	2.92	97.0	90	110		mg/L	
CCB1	CCB1			W	4/7/17						
Nitrite		PASS		0.000	0.000			+/-0.0220		mg/L	

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Parameter		PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Ortho Phosphate											
STD1	STD1			W	4/7/17						
Ortho Phosphate		PASS	0.000	0.000						mg/L	
STD2	STD2			W	4/7/17						
Ortho Phosphate		PASS	0.143	0.143						mg/L	
STD3	STD3			W	4/7/17						
Ortho Phosphate		PASS	0.961	0.961						mg/L	
STD4	STD4			W	4/7/17						
Ortho Phosphate		PASS	2.045	2.04						mg/L	
STD5	STD5			W	4/7/17						
Ortho Phosphate		PASS	5.253	5.25						mg/L	
STD6	STD6			W	4/7/17						
Ortho Phosphate		PASS	9.805	9.80						mg/L	
STD7	STD7			W	4/7/17						
Ortho Phosphate		PASS	12.544	12.5						mg/L	
CCV1	CCV1			W	4/7/17						
Ortho Phosphate		PASS	5.229	5.23	105.0	90	110			mg/L	
CCB1	CCB1			W	4/7/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	
ICV1	ICV1			W	4/7/17						
Ortho Phosphate		PASS	5.308	5.31	106.0	90	110			mg/L	
ICB1	ICB1			W	4/7/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	
LB86773BLS	LB86773BLS			S	4/7/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0020			mg/Kg	
LB86773BSS	LB86773BSS			S	4/7/17						
Ortho Phosphate		PASS	5.482	110.00	110.0	90.00	110.00			mg/Kg	
I2296-01	LOD-SOIL-01-QT2-2017		1	S	4/7/17						
Ortho Phosphate		PASS	-0.075	-1.49						mg/Kg	
I2296-02	LOQ-SOIL-02-QT2-2017			S	4/7/17						
Ortho Phosphate		PASS	0.418	8.34	83.0	50.00	150.00			mg/Kg	
CCV1	CCV1			W	4/7/17						
Ortho Phosphate		PASS	5.305	5.30	106.0	90	110			mg/L	
CCB1	CCB1			W	4/7/17						
Ortho Phosphate		PASS	0.000	0.000			+/-0.0100			mg/L	

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Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
											Line 2
Sulfate											
STD1	STD1				W	4/7/17					
Sulfate		PASS	0.000		0.000						mg/L
STD2	STD2				W	4/7/17					
Sulfate		PASS	1.098		1.10						mg/L
STD3	STD3				W	4/7/17					
Sulfate		PASS	3.172		3.17						mg/L
STD4	STD4				W	4/7/17					
Sulfate		PASS	5.911		5.91						mg/L
STD5	STD5				W	4/7/17					
Sulfate		PASS	14.496		14.5						mg/L
STD6	STD6				W	4/7/17					
Sulfate		PASS	29.516		29.5						mg/L
STD7	STD7				W	4/7/17					
Sulfate		PASS	38.057		38.1						mg/L
CCV1	CCV1				W	4/7/17					
Sulfate		PASS	14.541		14.50	97.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
ICV1	ICV1				W	4/7/17					
Sulfate		PASS	14.721		14.70	98.0	90	110			mg/L
ICB1	ICB1				W	4/7/17					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
LB86773BLS	LB86773BLS				S	4/7/17					
Sulfate		PASS	0.000		0.000			+/-0.0960			mg/Kg
LB86773BSS	LB86773BSS				S	4/7/17					
Sulfate		PASS	14.837		297.00	99.0	90.00	110.00			mg/Kg
I2296-01	LOD-SOIL-01-QT2-2017			1	S	4/7/17					
Sulfate		PASS	0.591		11.8						mg/Kg
I2296-02	LOQ-SOIL-02-QT2-2017				S	4/7/17					
Sulfate		PASS	1.850		36.90	123.0	50.00	150.00			mg/Kg
CCV1	CCV1				W	4/7/17					
Sulfate		PASS	14.663		14.70	98.0	90	110			mg/L
CCB1	CCB1				W	4/7/17					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L