

Chemtech Consulting Group

Analytical Review Report

Date Printed : 4/7/17
 Analyst : AK
 Data File : LB86738.csv

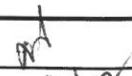
Approved By : 
 Approved Date : 4/10/17
 Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method	LCL	UCL	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
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
CCV1	CCV1				W	4/6/17					
Chloride		PASS	2.916		2.92	97.0	90	110			mg/L
CCB1	CCB1				W	4/6/17					
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L
LB86738BLS	LB86738BLS				S	4/6/17					
Chloride		PASS	0.000		0.000			+/-0.0320			mg/Kg
LB86738BSS	LB86738BSS				S	4/6/17					
Chloride		PASS	2.835		56.70	95.0	90.00	110.00			mg/Kg
I2530-09	SB-3-36-45			1	S	4/6/17					
Chloride		PASS	1.224		28.9						mg/Kg
I2530-08	SB-3-24-36			1	S	4/6/17					
Chloride		PASS	0.882		20.4						mg/Kg
I2530-02	SB-1-20-24			1	S	4/6/17					
Chloride		PASS	0.343		8.08						mg/Kg
I2530-02D	SB-1-20-24D			1	S	4/6/17					
Chloride		PASS	0.342		8.08			0	20		mg/Kg
I2530-08D	SB-3-24-36D			1	S	4/6/17					
Chloride		PASS	0.875		20.30			0.5	20		mg/Kg
I2530-08S	SB-3-24-36S			1	S	4/6/17					
Chloride		PASS	3.776		87.8	97.0	80	120			mg/Kg
I2530-08SD	SB-3-24-36SD			1	S	4/6/17					
Chloride		PASS	3.717		86.3	95.0	80	120	1.7	15	mg/Kg

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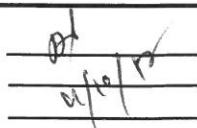
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1	
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Chloride												
I2530-06	SB-2-36-45			1	S	4/6/17						
Chloride		PASS	1.009		24.1						mg/Kg	
CCV2	CCV2				W	4/6/17						
Chloride		PASS	2.936		2.94	98.0	90	110			mg/L	
CCB2	CCB2				W	4/6/17						
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L	
I2530-07	SB-3-12-24			1	S	4/6/17						
Chloride		PASS	0.686		16.4						mg/Kg	
I2530-01	SB-1-24-36			1	S	4/6/17						
Chloride		PASS	0.437		10.4						mg/Kg	
I2530-03	SB-1-36-45			1	S	4/6/17						
Chloride		PASS	0.517		12.3						mg/Kg	
I2530-04	SB-2-12-24			1	S	4/6/17						
Chloride		PASS	0.592		14.0						mg/Kg	
I2530-05	SB-2-24-36			1	S	4/6/17						
Chloride		PASS	0.751		18.1						mg/Kg	
I2530-10	SB-4-12-24			1	S	4/6/17						
Chloride		PASS	0.879		19.9						mg/Kg	
I2530-11	SB-4-24-36			1	S	4/6/17						
Chloride		PASS	0.995		21.7						mg/Kg	
I2530-12	SB-4-36-45			1	S	4/6/17						
Chloride		PASS	0.782		17.5						mg/Kg	
I2529-05	EASTEND			1	S	4/6/17						
Chloride		PASS	0.495		11.9						mg/Kg	
I2529-06	WESTEND			1	S	4/6/17						
Chloride		PASS	5.158		134						mg/Kg	
CCV3	CCV3				W	4/6/17						
Chloride		PASS	2.879		2.88	96.0	90	110			mg/L	
CCB3	CCB3				W	4/6/17						
Chloride		PASS	0.000		0.000			+/-0.0750			mg/L	

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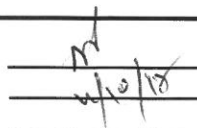
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter			PPB		Final Conc	%Rec	Method	Method	LCL	UCL	Line 2
Nitrate											
STD1	STD1				W	4/4/17					
Nitrate		PASS	0.000		0.000						mg/L
STD2	STD2				W	4/4/17					
Nitrate		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
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
CCV1	CCV1				W	4/6/17					
Nitrate		PASS	2.439		2.44	98.0	90	110			mg/L
CCB1	CCB1				W	4/6/17					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
LB86738BLS	LB86738BLS				S	4/6/17					
Nitrate		PASS	0.000		0.000			+/-0.0110			mg/Kg
LB86738BSS	LB86738BSS				S	4/6/17					
Nitrate		PASS	2.386		47.70	95.0	90.00	110.00			mg/Kg
I2530-09	SB-3-36-45			1	S	4/6/17					
Nitrate		PASS	0.000		0.000						mg/Kg
I2530-08	SB-3-24-36			1	S	4/6/17					
Nitrate		PASS	0.000		0.000						mg/Kg
I2530-02	SB-1-20-24			1	S	4/6/17					
Nitrate		PASS	0.085		2.00						mg/Kg
I2530-02D	SB-1-20-24D			1	S	4/6/17					
Nitrate		PASS	0.084		1.98			1.0	20		mg/Kg
I2530-08D	SB-3-24-36D			1	S	4/6/17					
Nitrate		PASS	0.000		0.00			0	20		mg/Kg
I2530-08S	SB-3-24-36S			1	S	4/6/17					
Nitrate		PASS	2.500		58.1	100.0	80	120			mg/Kg
I2530-08SD	SB-3-24-36SD			1	S	4/6/17					
Nitrate		PASS	2.452		56.9	98.0	80	120	2.1	15	mg/Kg

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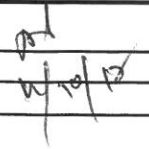
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Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis				Line 1
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Nitrate												
I2530-06	SB-2-36-45			1	S	4/6/17						
Nitrate		PASS	0.000		0.000						mg/Kg	
CCV2	CCV2				W	4/6/17						
Nitrate		PASS	2.464		2.46	98.0	90	110			mg/L	
CCB2	CCB2				W	4/6/17						
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L	
I2530-07	SB-3-12-24			1	S	4/6/17						
Nitrate		PASS	0.107		2.55						mg/Kg	
I2530-01	SB-1-24-36			1	S	4/6/17						
Nitrate		PASS	0.115		2.74						mg/Kg	
I2530-03	SB-1-36-45			1	S	4/6/17						
Nitrate		PASS	0.094		2.24						mg/Kg	
I2530-04	SB-2-12-24			1	S	4/6/17						
Nitrate		PASS	0.134		3.17						mg/Kg	
I2530-05	SB-2-24-36			1	S	4/6/17						
Nitrate		PASS	0.115		2.76						mg/Kg	
I2530-10	SB-4-12-24			1	S	4/6/17						
Nitrate		PASS	0.116		2.62						mg/Kg	
I2530-11	SB-4-24-36			1	S	4/6/17						
Nitrate		PASS	0.104		2.27						mg/Kg	
I2530-12	SB-4-36-45			1	S	4/6/17						
Nitrate		PASS	0.109		2.44						mg/Kg	
I2529-05	EASTEND			1	S	4/6/17						
Nitrate		PASS	0.726		17.4						mg/Kg	
I2529-06	WESTEND			1	S	4/6/17						
Nitrate		PASS	0.232		6.01						mg/Kg	
CCV3	CCV3				W	4/6/17						
Nitrate		PASS	2.418		2.42	97.0	90	110			mg/L	
CCB3	CCB3				W	4/6/17						
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L	

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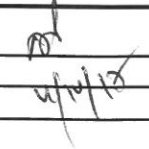
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Lab Sample ID	Client ID	Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			Line 1
Parameter		PPB	Final Conc		%Rec	LCL	UCL	RPD	Max RPD	Units
										Line 2
Sulfate										
STD1	STD1			W	4/4/17					
Sulfate		PASS	0.000	0.000						mg/L
STD2	STD2			W	4/4/17					
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
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
CCV1	CCV1			W	4/6/17					
Sulfate		PASS	14.389	14.40	96.0	90	110			mg/L
CCB1	CCB1			W	4/6/17					
Sulfate		PASS	0.000	0.000			+/-0.1320			mg/L
LB86738BLS	LB86738BLS			S	4/6/17					
Sulfate		PASS	0.000	0.000			+/-0.0960			mg/Kg
LB86738BSS	LB86738BSS			S	4/6/17					
Sulfate		PASS	14.056	281.00	94.0	90.00	110.00			mg/Kg
I2530-09	SB-3-36-45		1	S	4/6/17					
Sulfate		PASS	6.713	159						mg/Kg
I2530-08	SB-3-24-36		1	S	4/6/17					
Sulfate		PASS	6.140	142						mg/Kg
I2530-02	SB-1-20-24		1	S	4/6/17					
Sulfate		PASS	1.060	25.0						mg/Kg
I2530-02D	SB-1-20-24D		1	S	4/6/17					
Sulfate		PASS	1.067	25.20				0.8	20	mg/Kg
I2530-08D	SB-3-24-36D		1	S	4/6/17					
Sulfate		PASS	5.261	122.00				15.2	20	mg/Kg
I2530-08S	SB-3-24-36S		1	S	4/6/17					
Sulfate		PASS	19.598	456.0	90.0	80	120			mg/Kg
I2530-08SD	SB-3-24-36SD		1	S	4/6/17					
Sulfate		PASS	19.280	447.0	88.0	80	120	2.0	15	mg/Kg

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Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units	Line 2
Sulfate												
I2530-06	SB-2-36-45			1	S	4/6/17						
Sulfate		PASS	3.627		86.6						mg/Kg	
CCV2	CCV2				W	4/6/17						
Sulfate		PASS	14.497		14.50	97.0	90	110			mg/L	
CCB2	CCB2				W	4/6/17						
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L	
I2530-07	SB-3-12-24			1	S	4/6/17						
Sulfate		PASS	3.220		76.8						mg/Kg	
I2530-01	SB-1-24-36			1	S	4/6/17						
Sulfate		PASS	1.383		33.0						mg/Kg	
I2530-03	SB-1-36-45			1	S	4/6/17						
Sulfate		PASS	1.423		34.0						mg/Kg	
I2530-04	SB-2-12-24			1	S	4/6/17						
Sulfate		PASS	1.338		31.6						mg/Kg	
I2530-05	SB-2-24-36			1	S	4/6/17						
Sulfate		PASS	1.876		45.1						mg/Kg	
I2530-10	SB-4-12-24			1	S	4/6/17						
Sulfate		PASS	1.204		27.2						mg/Kg	
I2530-11	SB-4-24-36			1	S	4/6/17						
Sulfate		PASS	1.963		42.9						mg/Kg	
I2530-12	SB-4-36-45			1	S	4/6/17						
Sulfate		PASS	1.465		32.8						mg/Kg	
I2529-05	EASTEND			1	S	4/6/17						
Sulfate		PASS	2.099		50.4						mg/Kg	
I2529-06	WESTEND			1	S	4/6/17						
Sulfate		PASS	9.038		234						mg/Kg	
CCV3	CCV3				W	4/6/17						
Sulfate		PASS	14.257		14.30	95.0	90	110			mg/L	
CCB3	CCB3				W	4/6/17						
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L	