

Chemtech Consulting Group

Analytical Review Report

Date Printed : 2/7/18

Analyst :

Data File : LB92763.csv

Approved By :

Approved Date :

Worksheet # :

Lab Sample ID	Client ID		Raw Amt	Dil	Matrix	A. Date	Prep	Analysis			
Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
Chloride	STD1	PASS	0.000		W	1/15/18					mg/L
Chloride	STD2	PASS	0.226		W	1/15/18					mg/L
Chloride	STD3	PASS	0.661		W	1/15/18					mg/L
Chloride	STD4	PASS	1.180		W	1/15/18					mg/L
Chloride	STD5	PASS	3.005		W	1/15/18					mg/L
Chloride	STD6	PASS	5.970		W	1/15/18					mg/L
Chloride	STD7	PASS	7.613		W	1/15/18					mg/L
Chloride	ICV1	PASS	2.821		W	1/15/18	90	110			mg/L
Chloride	ICB1	PASS	0.000		W	1/15/18		+/-0.0750			mg/L
Chloride	CCV1	PASS	2.960		W	1/22/18	90	110			mg/L
Chloride	CCB1	PASS	0.000		W	1/22/18		+/-0.0750			mg/L
Chloride	LB92763BLS	PASS	0.000		S	1/22/18		+/-0.0320			mg/Kg
Chloride	LB92763BSS	PASS	2.856		S	1/22/18	90.00	110.00			mg/Kg
Chloride	COMP-2	PASS	0.138	1	S	1/22/18					mg/Kg
Chloride	COMP-3	PASS	0.157	1	S	1/22/18					mg/Kg
Chloride	COMP-4	PASS	0.112	1	S	1/22/18					mg/Kg
Chloride	COMP-5	PASS	0.159	1	S	1/22/18					mg/Kg
Chloride	COMP-1	PASS	1.613	1	S	1/22/18					mg/Kg
Chloride	COMP-5D	PASS	0.164	1	S	1/22/18			3.7	20	mg/Kg
Chloride	COMP-5S	PASS	3.009	1	S	1/22/18	80	120			mg/Kg

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Parameter			PPB			%Rec	Method	Method			Line 1
							LCL	UCL	RPD	Max RPD	Units
											Line 2
Chloride											
J1228-26SD	COMP-5SD			1	S	1/22/18					
Chloride		PASS	3.026		66.9	96.0	80	120	0.4	15	mg/Kg
CCV2	CCV2				W	1/22/18					
Chloride		PASS	2.845		2.84	95.0	90	110			mg/L
CCB2	CCB2				W	1/22/18					
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
Nitrate											
STD1	STD1				W	1/15/18					
Nitrate		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/15/18					
Nitrate		PASS	0.193		0.193						mg/L
STD3	STD3				W	1/15/18					
Nitrate		PASS	0.547		0.547						mg/L
STD4	STD4				W	1/15/18					
Nitrate		PASS	0.985		0.985						mg/L
STD5	STD5				W	1/15/18					
Nitrate		PASS	2.500		2.50						mg/L
STD6	STD6				W	1/15/18					
Nitrate		PASS	4.970		4.97						mg/L
STD7	STD7				W	1/15/18					
Nitrate		PASS	6.338		6.34						mg/L
ICV1	ICV1				W	1/15/18					
Nitrate		PASS	2.388		2.39	96.0	90	110			mg/L
ICB1	ICB1				W	1/15/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
CCV1	CCV1				W	1/22/18					
Nitrate		PASS	2.431		2.43	97.0	90	110			mg/L
CCB1	CCB1				W	1/22/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L
LB92763BLS	LB92763BLS				S	1/22/18					
Nitrate		PASS	0.000		0.000			+/-0.0110			mg/Kg
LB92763BSS	LB92763BSS				S	1/22/18					
Nitrate		PASS	2.381		47.50	95.0	90.00	110.00			mg/Kg
J1228-23	COMP-2			1	S	1/22/18					
Nitrate		PASS	0.091		2.10						mg/Kg
J1228-24	COMP-3			1	S	1/22/18					
Nitrate		PASS	0.103		2.29						mg/Kg
J1228-25	COMP-4			1	S	1/22/18					
Nitrate		PASS	0.115		2.57						mg/Kg
J1228-26	COMP-5			1	S	1/22/18					
Nitrate		PASS	0.000		0.000						mg/Kg
J1228-22	COMP-1			1	S	1/22/18					
Nitrate		PASS	0.224		5.23						mg/Kg
J1228-26D	COMP-5D			1	S	1/22/18					
Nitrate		PASS	0.000		0.00				0	20	mg/Kg
J1228-26S	COMP-5S			1	S	1/22/18					
Nitrate		PASS	2.424		53.7	97.0	80	120			mg/Kg

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Parameter			PPB			%Rec	Method	Method			Line 1
							LCL	UCL	RPD	Max RPD	Units
											Line 2
Nitrate											
J1228-26SD	COMP-5SD			1	S	1/22/18					
Nitrate		PASS	2.442		54.0	98.0	80	120	0.6	15	mg/Kg
CCV2	CCV2				W	1/22/18					
Nitrate		PASS	2.373		2.37	95.0	90	110			mg/L
CCB2	CCB2				W	1/22/18					
Nitrate		PASS	0.000		0.000			+/-0.0270			mg/L

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Parameter			PPB		Final Conc	%Rec	LCL	UCL	RPD	Max RPD	Units
											Line 2
Nitrite											
STD1	STD1				W	1/15/18					
Nitrite		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/15/18					
Nitrite		PASS	0.247		0.247						mg/L
STD3	STD3				W	1/15/18					
Nitrite		PASS	0.658		0.658						mg/L
STD4	STD4				W	1/15/18					
Nitrite		PASS	1.174		1.17						mg/L
STD5	STD5				W	1/15/18					
Nitrite		PASS	2.981		2.98						mg/L
STD6	STD6				W	1/15/18					
Nitrite		PASS	5.977		5.98						mg/L
STD7	STD7				W	1/15/18					
Nitrite		PASS	7.592		7.59						mg/L
ICV1	ICV1				W	1/15/18					
Nitrite		PASS	2.830		2.83	94.0	90	110			mg/L
ICB1	ICB1				W	1/15/18					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
CCV1	CCV1				W	1/22/18					
Nitrite		PASS	2.914		2.91	97.0	90	110			mg/L
CCB1	CCB1				W	1/22/18					
Nitrite		PASS	0.000		0.000			+/-0.0220			mg/L
LB92763BLS	LB92763BLS				S	1/22/18					
Nitrite		PASS	0.000		0.000			+/-0.0100			mg/Kg
LB92763BSS	LB92763BSS				S	1/22/18					
Nitrite		PASS	2.851		56.90	95.0	90.00	110.00			mg/Kg
J1228-23	COMP-2			1	S	1/22/18					
Nitrite		PASS	0.000		0.000						mg/Kg
J1228-24	COMP-3			1	S	1/22/18					
Nitrite		PASS	0.000		0.000						mg/Kg
J1228-25	COMP-4			1	S	1/22/18					
Nitrite		PASS	0.000		0.000						mg/Kg
J1228-26	COMP-5			1	S	1/22/18					
Nitrite		PASS	0.000		0.000						mg/Kg
J1228-22	COMP-1			1	S	1/22/18					
Nitrite		PASS	0.123		2.87						mg/Kg
J1228-26D	COMP-5D			1	S	1/22/18					
Nitrite		PASS	0.000		0.00				0	20	mg/Kg
J1228-26S	COMP-5S			1	S	1/22/18					
Nitrite		PASS	2.915		64.6	97.0	80	120			mg/Kg

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Parameter			PPB			%Rec	Method	Method			Line 1
							LCL	UCL	RPD	Max RPD	Units
											Line 2
Nitrite											
J1228-26SD	COMP-5SD			1	S	1/22/18					
Nitrite		PASS	2.914		64.4	97.0	80	120	0.3	15	mg/Kg
CCV2	CCV2				W	1/22/18					
Nitrite		PASS	2.840		2.84	95.0	90	110			mg/L
CCB2	CCB2				W	1/22/18					
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
Sulfate											
STD1	STD1				W	1/15/18					
Sulfate		PASS	0.000		0.000						mg/L
STD2	STD2				W	1/15/18					
Sulfate		PASS	1.304		1.30						mg/L
STD3	STD3				W	1/15/18					
Sulfate		PASS	3.216		3.22						mg/L
STD4	STD4				W	1/15/18					
Sulfate		PASS	5.638		5.64						mg/L
STD5	STD5				W	1/15/18					
Sulfate		PASS	13.997		14.0						mg/L
STD6	STD6				W	1/15/18					
Sulfate		PASS	28.428		28.4						mg/L
STD7	STD7				W	1/15/18					
Sulfate		PASS	38.159		38.2						mg/L
ICV1	ICV1				W	1/15/18					
Sulfate		PASS	13.963		14.00	93.0	90	110			mg/L
ICB1	ICB1				W	1/15/18					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
CCV1	CCV1				W	1/22/18					
Sulfate		PASS	14.372		14.40	96.0	90	110			mg/L
CCB1	CCB1				W	1/22/18					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L
LB92763BLS	LB92763BLS				S	1/22/18					
Sulfate		PASS	0.000		0.000			+/-0.0960			mg/Kg
LB92763BSS	LB92763BSS				S	1/22/18					
Sulfate		PASS	14.088		281.00	94.0	90.00	110.00			mg/Kg
J1228-23	COMP-2			1	S	1/22/18					
Sulfate		PASS	2.541		58.7						mg/Kg
J1228-24	COMP-3			1	S	1/22/18					
Sulfate		PASS	2.356		52.3						mg/Kg
J1228-25	COMP-4			1	S	1/22/18					
Sulfate		PASS	3.819		85.4						mg/Kg
J1228-26	COMP-5			1	S	1/22/18					
Sulfate		PASS	1.760		38.4						mg/Kg
J1228-22	COMP-1			1	S	1/22/18					
Sulfate		PASS	1.951		45.5						mg/Kg
J1228-26D	COMP-5D			1	S	1/22/18					
Sulfate		PASS	1.757		38.50				0.3	20	mg/Kg
J1228-26S	COMP-5S			1	S	1/22/18					
Sulfate		PASS	17.277		383.0	104.0	80	120			mg/Kg

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							LCL	UCL	RPD	Max RPD	Units
											Line 2
Sulfate											
J1228-26SD	COMP-5SD			1	S	1/22/18					
Sulfate		PASS	17.334		383.0	104.0	80	120	0	15	mg/Kg
CCV2	CCV2				W	1/22/18					
Sulfate		PASS	14.027		14.00	93.0	90	110			mg/L
CCB2	CCB2				W	1/22/18					
Sulfate		PASS	0.000		0.000			+/-0.1320			mg/L