



Instrument ID : TITRATOR

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

Daily Analysis Runlog For Sequence/QC Batch ID # LB92026

Review By		Review On				
SubDirectory		LB92026		Test : Alkalinity		
STD. NAME		STD REF.#				
ICAL Standard		N/A				
ICV Standard		N/A				
CCV Standard		N/A				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP60206				
Chk Standard		W2269,W2159,W2270				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	LB92026BLW	LB92026BLW	MB	12/08/17 09:42		OK
2	LB92026BSW	LB92026BSW	LCS	12/08/17 09:46		OK
3	I6766-01	WQ-1	SAM	12/08/17 09:51		OK
4	I6766-02	WQ-2	SAM	12/08/17 09:55		OK
5	I6766-03	WQ-3	SAM	12/08/17 10:00		OK
6	I6766-04	WQ-4	SAM	12/08/17 10:04		OK
7	I6766-05	WQ-5	SAM	12/08/17 10:08		OK
8	I6766-06	WQ-7	SAM	12/08/17 10:13		OK
9	I6766-07	WQ-1W	SAM	12/08/17 10:18		OK
10	I6766-08	WQ-2W	SAM	12/08/17 10:21		OK
11	I6766-10	WQ-4W	SAM	12/08/17 10:29		OK
12	I6766-11	WQ-5W	SAM	12/08/17 10:33		OK
13	I6766-12	WQ-7W	SAM	12/08/17 10:37		OK
14	I6766-03DUP	WQ-3DUP	DUP	12/08/17 10:42		OK
15	I6766-09	WQ-3W	SAM	12/08/17 10:46		OK



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-1	SDG No.:	LB92026
Lab Sample ID:	I6766-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	114		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-2	SDG No.:	LB92026
Lab Sample ID:	I6766-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	112		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-3	SDG No.:	LB92026
Lab Sample ID:	I6766-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	47.8		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-4	SDG No.:	LB92026
Lab Sample ID:	I6766-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	112		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-5	SDG No.:	LB92026
Lab Sample ID:	I6766-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	166		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/5/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-7	SDG No.:	LB92026
Lab Sample ID:	I6766-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	114		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-1W	SDG No.:	LB92026
Lab Sample ID:	I6766-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	61.8		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-2W	SDG No.:	LB92026
Lab Sample ID:	I6766-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	115		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-3W	SDG No.:	LB92026
Lab Sample ID:	I6766-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	18.1		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-4W	SDG No.:	LB92026
Lab Sample ID:	I6766-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	65.6		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-5W	SDG No.:	LB92026
Lab Sample ID:	I6766-11	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	124		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-7W	SDG No.:	LB92026
Lab Sample ID:	I6766-12	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Alkalinity	111		1	0.4		2	mg/L		12/08/2017	SM2320 B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92026	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	WQ-7W	SDG No.:	LB92026
Lab Sample ID:	I6766-12	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



GENCHEM
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PREPARATION BLANK SUMMARY

Client: LB92026

SDG No.: LB92026

Instrument: Titroline Alpha Titrator

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB92026BLW	Alkalinity	WATER 0.4	<2	Batch Number: U		2		Prep Date: 12/08/2017	09:42	LB92026



GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB92026 Level: LOW SDG No.: LB92026
Contract: Lab Code: CHEM Case No.: LB92026 SAS No.: LB92026
Matrix: WATER Sample ID: I6766-03 Client ID: WQ-3DUP
Percent Solids for Sample: 0 Duplicate ID I6766-03DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Alkalinity	mg/L	20	47.8		47.7		0		



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92026

SDG No.: LB92026

Contract:

Lab Code: CHEM

Case No.: LB92026

SAS No.: LB92026

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB92026BSW Alkalinity	mg/L	50	53.1		106.2	80 - 120	