

Daily Analysis Runlog For Sequence/QC Batch ID # LB90043

Review By		Review On				
SubDirectory		LB90043		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP57607,WP57608,WP57609,WP57610,WP57611,WP57612,WP57613,WP57614,WP57615				
ICV Standard		WP57616				
CCV Standard		WP57614				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP57616				
Chk Standard		WP57902				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	09/01/17 09:24		OK
2	0.5PPM	0.5PPM	CAL2	09/01/17 09:37		OK
3	1.0PPM	1.0PPM	CAL3	09/01/17 09:50		OK
4	2.0PPM	2.0PPM	CAL4	09/01/17 10:03		OK
5	5.0PPM	5.0PPM	CAL5	09/01/17 10:16		OK
6	10.0PPM	10.0PPM	CAL6	09/01/17 10:30		OK
7	20.0PPM	20.0PPM	CAL7	09/01/17 10:44		OK
8	CCV1	CCV1	CCV	09/13/17 13:13		OK
9	CCB1	CCB1	CCB	09/13/17 13:26		OK
10	LB90043BLW	LB90043BLW	MB	09/13/17 13:42		OK
11	LB90043BSW	LB90043BSW	LCS	09/13/17 14:00		OK
12	I5199-01	MW-4	SAM	09/13/17 14:17		OK
13	I5199-02	MW-8	SAM	09/13/17 14:34		OK
14	I5199-03	MW-10	SAM	09/13/17 14:51		OK
15	I5199-06	NW-1	SAM	09/13/17 15:10		OK
16	I5199-07	NW-3	SAM	09/13/17 15:28		OK
17	I5199-08	NW-4	SAM	09/13/17 15:45		OK
18	I5199-09	NW-6	SAM	09/13/17 16:02		OK
19	I5199-03DUP	MW-10DUP	DUP	09/13/17 16:19		OK
20	CCV2	CCV2	CCV	09/13/17 16:33		OK
21	CCB2	CCB2	CCB	09/13/17 16:46		OK



Instrument ID : TOC

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

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SubDirectory		LB90043		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP57607,WP57608,WP57609,WP57610,WP57611,WP57612,WP57613,WP57614,WP57615				
ICV Standard		WP57616				
CCV Standard		WP57614				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP57616				
Chk Standard		WP57902				
22	I5199-03MS	MW-10MS	MS	09/13/17 17:04		OK
23	I5199-03MSD	MW-10MSD	MSD	09/13/17 17:21		OK
24	CCV3	CCV3	CCV	09/13/17 17:35		OK
25	CCB3	CCB3	CCB	09/13/17 17:48		OK



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	LB90043
Lab Sample ID:	I5199-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	18	D	2	0.16		1	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	MW-8	SDG No.:	LB90043
Lab Sample ID:	I5199-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	3.7		1	0.08		0.5	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	MW-10	SDG No.:	LB90043
Lab Sample ID:	I5199-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	6.3		1	0.08		0.5	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	NW-1	SDG No.:	LB90043
Lab Sample ID:	I5199-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	146	D	10	0.8		5	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	NW-3	SDG No.:	LB90043
Lab Sample ID:	I5199-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	11.5		1	0.08		0.5	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	NW-4	SDG No.:	LB90043
Lab Sample ID:	I5199-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	4		1	0.08		0.5	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	NW-6	SDG No.:	LB90043
Lab Sample ID:	I5199-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	14.7	D	2	0.16		1	mg/L		09/13/2017	SM5310B



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Report of Analysis

Client:		Date Collected:	9/7/2017 12:00:00 AM
Project:	LB90043	Date Received:	9/11/2017 12:00:00 AM
Client Sample ID:	NW-6	SDG No.:	LB90043
Lab Sample ID:	I5199-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB90043

SDG No.: LB90043

Contract: _____ Lab Code: CHEM

Case No.: LB90043

SAS No.: LB90043

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	TOC	9.2	10	92	0	90 - 110		09/13/2017	13:13	LB90043
CCV2	TOC	10.4	10	104	0	90 - 110		09/13/2017	16:33	LB90043
CCV3	TOC	10.2	10	102	0	90 - 110		09/13/2017	17:35	LB90043

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.41	+/-0.5	J			0.5	09/13/2017	13:26	LB90043
CCB2	TOC	0.42	+/-0.5	J			0.5	09/13/2017	16:46	LB90043
CCB3	TOC	0.47	+/-0.5	J			0.5	09/13/2017	17:48	LB90043



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90043

SDG No.: LB90043

Contract: Lab Code: CHEM

Case No.: LB90043

SAS No.: LB90043

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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PREPARATION BLANK SUMMARY

Client: LB90043

SDG No.: LB90043

Instrument: Appolo-9000

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB90043BLW	TOC	WATER 0.16	<0.5	Batch Number: J		0.5		Prep Date: 09/13/2017	13:42	LB90043



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB90043 level: low sdg no.: LB90043
contract: lab code: CHEM case no.: LB90043 sas no.: LB90043
matrix: WATER sample id: I5199-03 client id: MW-10MS
Percent Solids for Sample: 0 Spiked ID: I5199-03MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/L	75 - 125	13.7		6.3		10	74	*	



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB90043 level: low sdg no.: LB90043
contract: lab code: CHEM case no.: LB90043 sas no.: LB90043
matrix: WATER sample id: I5199-03 client id: MW-10MSD
Percent Solids for Sample: 0 Spiked ID: I5199-03MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/L	75 - 125	13.9		6.3		10	76		

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DUPLICATE SAMPLE SUMMARY

Client: LB90043 **Level:** LOW **SDG No.:** LB90043
Contract: **Lab Code:** CHEM **Case No.:** LB90043 **SAS No.:** LB90043
Matrix: WATER **Sample ID:** I5199-03 **Client ID:** MW-10DUP
Percent Solids for Sample: 0 **Duplicate ID** I5199-03DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	6.3		6.4		2		



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DUPLICATE SAMPLE SUMMARY

Client: LB90043 Level: LOW SDG No.: LB90043
Contract: Lab Code: CHEM Case No.: LB90043 SAS No.: LB90043
Matrix: WATER Sample ID: I5199-03MS Client ID: MW-10MSD
Percent Solids for Sample: 0 Duplicate ID I5199-03MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	13.7		13.9		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB90043

SDG No.: LB90043

Contract:

Lab Code: CHEM

Case No.: LB90043

SAS No.: LB90043

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB90043BSW TOC	mg/L	10	9.5		95	90 - 110	