



Instrument ID : TOC

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB87668

Review By		Review On				
SubDirectory		LB87668		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP55082,WP55083,WP55084,WP55085,WP55086,WP55087,WP55088				
ICV Standard		WP55089				
CCV Standard		WP55088				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP55089				
Chk Standard		WP53260				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPM	0.0PPM	CAL1	05/22/17 10:10		OK
2	0.5PPM	0.5PPM	CAL2	05/22/17 10:23		OK
3	1.0PPM	1.0PPM	CAL3	05/22/17 10:37		OK
4	2.0PPM	2.0PPM	CAL4	05/22/17 10:51		OK
5	5.0PPM	5.0PPM	CAL5	05/22/17 11:05		OK
6	10.0PPM	10.0PPM	CAL6	05/22/17 11:20		OK
7	20.0PPM	20.0PPM	CAL7	05/22/17 11:35		OK
8	ICV1	ICV1	ICV	05/22/17 11:49		OK
9	ICB1	ICB1	ICB	05/22/17 12:02		OK
10	CCV1	CCV1	CCV	05/24/17 09:30		OK
11	CCB1	CCB1	CCB	05/24/17 09:43		OK
12	LB87668BLW	LB87668BLW	MB	05/24/17 09:59		OK
13	LB87668BSW	LB87668BSW	LCS	05/24/17 10:19		OK
14	I3315-01	OWS-WATER-INPUT	SAM	05/24/17 10:36		OK
15	I3315-01DUP	OWS-WATER-INPUT	DUP	05/24/17 10:54		OK
16	I3315-01MS	OWS-WATER-INPUT	MS	05/24/17 11:13		OK
17	I3315-01MSD	OWS-WATER-INPUT	MSD	05/24/17 11:32		OK
18	CCV2	CCV2	CCV	05/24/17 11:46		OK
19	CCB2	CCB2	CCB	05/24/17 11:59		OK



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Report of Analysis

Client:		Date Collected:	5/23/2017 12:00:00 AM
Project:	LB87668	Date Received:	5/23/2017 12:00:00 AM
Client Sample ID:	OWS-WATER-INPUT-1	SDG No.:	LB87668
Lab Sample ID:	I3315-01	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	1.8		1	0.08		0.5	mg/L		05/24/2017	SM5310B



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Report of Analysis

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Client Sample ID:	OWS-WATER-INPUT-1	SDG No.:	LB87668
Lab Sample ID:	I3315-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

Sample ID	Analyte	Result	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
ICV1	TOC	10.5	10	105	0	90 - 110		05/22/2017	11:49	LB87668



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87668

SDG No.: LB87668

Contract: _____ Lab Code: CHEM

Case No.: LB87668

SAS No.: LB87668

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	10.3	10	103	0	90 - 110		05/24/2017	09:30	LB87668
CCV2	TOC	10	10	100	0	90 - 110		05/24/2017	11:46	LB87668



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87668 **SDG No.:** LB87668
Contract: **Lab Code:** CHEM **Case No.:** LB87668 **SAS No.:** LB87668

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	-0.047	+/-0.5	U		0.5		05/22/2017	12:02	LB87668



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87668

SDG No.: LB87668

Contract:

Lab Code: CHEM

Case No.: LB87668

SAS No.: LB87668

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.23	+/-0.5	J			0.5	05/24/2017	09:43	LB87668
CCB2	TOC	0.26	+/-0.5	J			0.5	05/24/2017	11:59	LB87668



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87668

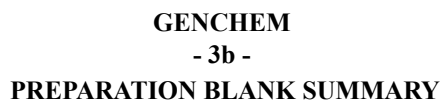
SDG No.: LB87668

Contract: Lab Code: CHEM

Case No.: LB87668

SAS No.: LB87668

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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SDG No.: LB87668

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
LB87668BLW		WATER		Batch Number:				Prep Date:		
	TOC	0.12	<0.5	J		0.5		05/24/2017	09:59	LB87668



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MATRIX SPIKE SUMMARY

client: LB87668 level: low sdg no.: LB87668
contract: lab code: CHEM case no.: LB87668 sas no.: LB87668
matrix: WATER sample id: I3315-01 client id: OWS-WATER-INPUT-1MS
Percent Solids for Sample: 0 Spiked ID: I3315-01MS 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	11.5		1.8		10	97		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87668 level: low sdg no.: LB87668
contract: lab code: CHEM case no.: LB87668 sas no.: LB87668
matrix: WATER sample id: I3315-01 client id: OWS-WATER-INPUT-1MSD
Percent Solids for Sample: 0 Spiked ID: I3315-01MSD 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	11.5		1.8		10	97		

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DUPLICATE SAMPLE SUMMARY

Client: LB87668 **Level:** LOW **SDG No.:** LB87668
Contract: **Lab Code:** CHEM **Case No.:** LB87668 **SAS No.:** LB87668
Matrix: WATER **Sample ID:** I3315-01 **Client ID:** OWS-WATER-INPUT-1DUP
Percent Solids for Sample: 0 **Duplicate ID** I3315-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	1.8		1.9		5		

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DUPLICATE SAMPLE SUMMARY

Client: LB87668 **Level:** LOW **SDG No.:** LB87668
Contract: **Lab Code:** CHEM **Case No.:** LB87668 **SAS No.:** LB87668
Matrix: WATER **Sample ID:** I3315-01MS **Client ID:** OWS-WATER-INPUT-1MSD
Percent Solids for Sample: 0 **Duplicate ID** I3315-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/L	20	11.5		11.5		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87668

SDG No.: LB87668

Contract:

Lab Code: CHEM

Case No.: LB87668

SAS No.: LB87668

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB87668BSW TOC	mg/L	10	10.2		102	90 - 110	