



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/29/2017 12:00:00 AM
Project:	LB89942	Date Received:	8/29/2017 12:00:00 AM
Client Sample ID:	B-17(0-10)COMP	SDG No.:	LB89942
Lab Sample ID:	I5026-02	Matrix:	Solid
Level (low/med):	low	% Solid:	93.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	15800	OR	1	11.8		250	mg/Kg		09/08/2017	Lloyd Kahn



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89942	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	B-16(0-10)COMP	SDG No.:	LB89942
Lab Sample ID:	I5120-01	Matrix:	Solid
Level (low/med):	low	% Solid:	81.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	6140		1	11.8		250	mg/Kg		09/08/2017	Lloyd Kahn



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Report of Analysis

Client:		Date Collected:	9/6/2017 12:00:00 AM
Project:	LB89942	Date Received:	9/6/2017 12:00:00 AM
Client Sample ID:	B-16(0-10)COMP	SDG No.:	LB89942
Lab Sample ID:	I5120-01	Matrix:	Solid
Level (low/med):	low	% Solid:	81.2

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89942 **SDG No.:** LB89942
Contract: **Lab Code:** CHEM **Case No.:** LB89942 **SAS No.:** LB89942

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	14.9	+/-250	J		250		08/14/2017	12:09	LB89942

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	5.5	+/-250	U		250		09/08/2017	09:32	LB89942
CCB2	TOC	27.2	+/-250	J		250		09/08/2017	12:51	LB89942
CCB3	TOC	7.4	+/-250	U		250		09/08/2017	15:49	LB89942



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89942

SDG No.: LB89942

Contract: Lab Code: CHEM

Case No.: LB89942

SAS No.: LB89942

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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- 3b -
PREPARATION BLANK SUMMARY

Client: LB89942

SDG No.: LB89942

Instrument: Appolo-9000

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
LB89942BLS	TOC	SOLID 5.4	<250	Batch Number: U		250		Prep Date: 09/08/2017	09:42	LB89942



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MATRIX SPIKE SUMMARY

client: LB89942 level: low sdg no.: LB89942
contract: lab code: CHEM case no.: LB89942 sas no.: LB89942
matrix: Solid sample id: I5120-01 client id: B-16(0-10)COMPMS
Percent Solids for Sample: 81.2 Spiked ID: I5120-01MS Percent Solids for Spike Sample: 81.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/Kg	75 - 125	7400		6140		1000	126	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB89942 **Level:** LOW **SDG No.:** LB89942
Contract: **Lab Code:** CHEM **Case No.:** LB89942 **SAS No.:** LB89942
Matrix: Solid **Sample ID:** I5120-01 **Client ID:** B-16(0-10)COMPDUP
Percent Solids for Sample: 81.2 **Duplicate ID** I5120-01DUP **Percent Solids for Spike Sample:** 81.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/Kg	20	6140		6260		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89942

SDG No.: LB89942

Contract:

Lab Code: CHEM

Case No.: LB89942

SAS No.: LB89942

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB89942BSS TOC	mg/Kg	1000	948		94.8	90 - 110	

Daily Analysis Runlog For Sequence/QC Batch ID # LB89942

Review By

SubDirectory

Review On

Test : TOC

LB89942

STD. NAME		STD REF.#				
ICAL Standard		WP57223,WP57224,WP57225,WP57226,WP57227				
ICV Standard		WP57229				
CCV Standard		WP57228				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP57229				
Chk Standard		WP56303				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	BLANK	BLANK	CAL1	08/14/17 11:43		
2	250mg/l	250mg/l	CAL2	08/14/17 11:46		
3	500mg/l	500mg/l	CAL3	08/14/17 11:50		
4	1000mg/l	1000mg/l	CAL4	08/14/17 11:55		
5	2000mg/l	2000mg/l	CAL5	08/14/17 12:01		
6	ICV1	ICV1	ICV	08/14/17 12:05		
7	ICB1	ICB1	ICB	08/14/17 12:09		
8	CCV1	CCV1	CCV	09/08/17 09:28		
9	CCB1	CCB1	CCB	09/08/17 09:32		
10	LB89942BLS	LB89942BLS	MB	09/08/17 09:42		
11	LB89942BSS	LB89942BSS	LCS	09/08/17 09:51		
12	I5026-02	B-17(0-10)COMP	SAM	09/08/17 12:27		
13	CCV2	CCV2	CCV	09/08/17 12:34		
14	CCB2	CCB2	CCB	09/08/17 12:51		
15	I5120-01	B-16(0-10)COMP	SAM	09/08/17 13:24		
16	I5120-01DUP	B-16(0-10)COMPDU	DUP	09/08/17 14:57		
17	I5120-01MS	B-16(0-10)COMPMS	MS	09/08/17 15:17		
18	CCV3	CCV3	CCV	09/08/17 15:22		
19	CCB3	CCB3	CCB	09/08/17 15:49		