

Daily Analysis Runlog For Sequence/QC Batch ID # LB95669

Review By		Review On				
SubDirectory		LB95669		Test : TOC		
STD. NAME		STD REF.#				
ICAL Standard		WP64254,WP64233,WP64234,WP64236,WP64238				
ICV Standard		WP64240				
CCV Standard		wp64233				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64240				
Chk Standard		wp61490				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	BLANK	BLANK	CAL1	05/04/18 09:51		OK
2	250mg/l	250mg/l	CAL2	05/04/18 09:57		OK
3	500mg/l	500mg/l	CAL3	05/04/18 10:02		OK
4	1000mg/l	1000mg/l	CAL4	05/04/18 10:13		OK
5	2000mg/l	2000mg/l	CAL5	05/04/18 10:19		OK
6	ICV1	ICV1	ICV	05/04/18 10:27		OK
7	ICB1	ICB1	ICB	05/04/18 10:32		OK
8	CCV1	CCV1	CCV	05/29/18 09:52		OK
9	CCB1	CCB1	CCB	05/29/18 09:56		OK
10	LB95669BLS	LB95669BLS	MB	05/29/18 10:03		OK
11	LB95669BSS	LB95669BSS	LCS	05/29/18 10:25		OK
12	J3164-01	T11-DP-25-5.5-6.0-03	SAM	05/29/18 10:45		OK
13	J3164-01DUP	T11-DP-25-5.5-6.0-03	DUP	05/29/18 11:00		OK
14	J3164-01MS	T11-DP-25-5.5-6.0-03	MS	05/29/18 11:28		OK
15	J3164-01MSD	T11-DP-25-5.5-6.0-03	MSD	05/29/18 11:44		OK
16	J3164-02	T11-DP-26-5.5-6.0-03	SAM	05/29/18 12:23		OK
17	J3164-06	T11-DP-30-5.5-6.0-03	SAM	05/29/18 12:35		OK
18	CCV2	CCV2	CCV	05/29/18 12:44		OK
19	CCB2	CCB2	CCB	05/29/18 12:49		OK



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95669	Date Received:	5/25/2018 12:00:00 AM
Client Sample ID:	T11-DP-25-5.5-6.0-052418	SDG No.:	LB95669
Lab Sample ID:	J3164-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	4990		1	11.8		250	mg/Kg		05/29/2018	Lloyd Kahn



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95669	Date Received:	5/25/2018 12:00:00 AM
Client Sample ID:	T11-DP-26-5.5-6.0-052418	SDG No.:	LB95669
Lab Sample ID:	J3164-02	Matrix:	Solid
Level (low/med):	low	% Solid:	86.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	3020		1	11.8		250	mg/Kg		05/29/2018	Lloyd Kahn



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95669	Date Received:	5/25/2018 12:00:00 AM
Client Sample ID:	T11-DP-30-5.5-6.0-052418	SDG No.:	LB95669
Lab Sample ID:	J3164-06	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	7060		1	11.8		250	mg/Kg		05/29/2018	Lloyd Kahn



Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95669	Date Received:	5/25/2018 12:00:00 AM
Client Sample ID:	T11-DP-30-5.5-6.0-052418	SDG No.:	LB95669
Lab Sample ID:	J3164-06	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

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

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95669

SDG No.: LB95669

Contract: _____ Lab Code: CHEM

Case No.: LB95669

SAS No.: LB95669

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	TOC	1070	1000	107		90 - 110		05/29/2018	09:52	lb95669
CCV2	TOC	1040	1000	104		90 - 110		05/29/2018	12:44	lb95669



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95669

SDG No.: LB95669

Contract:

Lab Code: CHEM

Case No.: LB95669

SAS No.: LB95669

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	13.3	+/-250	J		250		05/04/2018	10:32	lb95669



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95669

SDG No.: LB95669

Contract:

Lab Code: CHEM

Case No.: LB95669

SAS No.: LB95669

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	6	+/-250	U		250		05/29/2018	09:56	1b95669
CCB2	TOC	9.7	+/-250	U		250		05/29/2018	12:49	1b95669



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95669

SDG No.: LB95669

Contract: Lab Code: CHEM

Case No.: LB95669

SAS No.: LB95669

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



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB95669

SDG No.: LB95669

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
LB95669BLS	TOC	SOLID 8.1	<250	Batch Number: U		250		Prep Date: 05/29/2018	10:03	lb95669



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95669 level: low sdg no.: LB95669
contract: lab code: CHEM case no.: LB95669 sas no.: LB95669
matrix: Solid sample id: J3164-01 client id: T11-DP-25-5.5-6.0-052418MS
Percent Solids for Sample: 84.5 Spiked ID: J3164-01MS Percent Solids for Spike Sample: 84.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/Kg	75 - 125	5380		4990		1000	39	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95669 level: low sdg no.: LB95669
contract: lab code: CHEM case no.: LB95669 sas no.: LB95669
matrix: Solid sample id: J3164-01 client id: T11-DP-25-5.5-6.0-052418MSD
Percent Solids for Sample: 84.5 Spiked ID: J3164-01MSD Percent Solids for Spike Sample: 84.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/Kg	75 - 125	5250		4990		1000	26	*	

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95669 **Level:** LOW **SDG No.:** LB95669
Contract: **Lab Code:** CHEM **Case No.:** LB95669 **SAS No.:** LB95669
Matrix: Solid **Sample ID:** J3164-01 **Client ID:** T11-DP-25-5.5-6.0-052418DUP
Percent Solids for Sample: 84.5 **Duplicate ID** J3164-01DUP **Percent Solids for Spike Sample:** 84.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/Kg	20	4990		5410		8		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95669 **Level:** LOW **SDG No.:** LB95669
Contract: **Lab Code:** CHEM **Case No.:** LB95669 **SAS No.:** LB95669
Matrix: Solid **Sample ID:** J3164-01MS **Client ID:** T11-DP-25-5.5-6.0-052418MSD
Percent Solids for Sample: 84.5 **Duplicate ID** J3164-01MSD **Percent Solids for Spike Sample:** 84.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/Kg	20	5380		5250		2		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95669

SDG No.: LB95669

Contract:

Lab Code: CHEM

Case No.: LB95669

SAS No.: LB95669

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB95669BSS TOC	mg/Kg	1000	1010		101	90 - 110	