

Daily Analysis Runlog For Sequence/QC Batch ID # LB90346

Review By

SubDirectory

Review On

Test : TOC

LB90346

STD. NAME		STD REF.#				
ICAL Standard		WP57609,WP58307,WP58308,WP58309,WP58310				
ICV Standard		WP58314				
CCV Standard		WP58313				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58314				
Chk Standard		WP57902,WP58311,WP58312				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	BLANK	BLANK	CAL1	09/27/17 10:51		OK
2	250mg/l	250mg/l	CAL2	09/27/17 10:54		OK
3	500mg/l	500mg/l	CAL3	09/27/17 10:58		OK
4	1000mg/l	1000mg/l	CAL4	09/27/17 11:02		OK
5	2000mg/l	2000mg/l	CAL5	09/27/17 11:07		OK
6	ICV1	ICV1	ICV	09/27/17 11:15		OK
7	ICB1	ICB1	ICB	09/27/17 11:20		OK
8	CCV1	CCV1	CCV	09/27/17 11:24		OK
9	CCB1	CCB1	CCB	09/27/17 11:27		OK
10	LB90346BLS	LB90346BLS	MB	09/27/17 11:32		OK
11	LB90346BSS	LB90346BSS	LCS	09/27/17 11:40		OK
12	I5275-03	LOD-SOIL-03-QT4-2	SAM	09/27/17 11:51		OK
13	I5275-04	LOQ-SOIL-04-QT4-2	LOQ	09/27/17 11:57		OK
14	I5396-01	PAMT-COMP-A	SAM	09/27/17 12:25		OK
15	I5396-01DUP	PAMT-COMP-ADUP	DUP	09/27/17 12:35		OK
16	I5396-01MS	PAMT-COMP-AMS	MS	09/27/17 12:51		OK
17	I5396-02	PAMT-COMP-B	SAM	09/27/17 13:11		OK
18	I5396-03	PAMT-COMP-E	SAM	09/27/17 13:34		OK
19	I5396-04	PAMT-COMP-A-DUP	SAM	09/27/17 13:45		OK
20	CCV2	CCV2	CCV	09/27/17 14:10		OK
21	CCB2	CCB2	CCB	09/27/17 14:14		OK



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Report of Analysis

Client:		Date Collected:	9/15/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/15/2017 12:00:00 AM
Client Sample ID:	LOD-SOIL-03-QT4-2017	SDG No.:	LB90346
Lab Sample ID:	I5275-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	72.9	J	1	11.8		250	mg/Kg		09/27/2017	Lloyd Kahn



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Report of Analysis

Client:		Date Collected:	9/21/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/22/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-A	SDG No.:	LB90346
Lab Sample ID:	I5396-01	Matrix:	Solid
Level (low/med):	low	% Solid:	68.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	9110	OR	1	11.8		250	mg/Kg		09/27/2017	Lloyd Kahn



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Report of Analysis

Client:		Date Collected:	9/21/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/22/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-B	SDG No.:	LB90346
Lab Sample ID:	I5396-02	Matrix:	Solid
Level (low/med):	low	% Solid:	63.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	14800	OR	1	11.8		250	mg/Kg		09/27/2017	Lloyd Kahn

Report of Analysis

Client:		Date Collected:	9/21/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/22/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-E	SDG No.:	LB90346
Lab Sample ID:	I5396-03	Matrix:	Solid
Level (low/med):	low	% Solid:	57.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	15600	OR	1	11.8		250	mg/Kg		09/27/2017	Lloyd Kahn



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Report of Analysis

Client:		Date Collected:	9/21/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/22/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-A-DUP	SDG No.:	LB90346
Lab Sample ID:	I5396-04	Matrix:	Solid
Level (low/med):	low	% Solid:	68

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	TOC	8600	OR	1	11.8		250	mg/Kg		09/27/2017	Lloyd Kahn

Report of Analysis

Client:		Date Collected:	9/21/2017 12:00:00 AM
Project:	LB90346	Date Received:	9/22/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-A-DUP	SDG No.:	LB90346
Lab Sample ID:	I5396-04	Matrix:	Solid
Level (low/med):	low	% Solid:	68

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	1010	1000	101	0	90 - 110		09/27/2017	11:15	LB90346



GENCHEM

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB90346

SDG No.: LB90346

Contract: _____ **Lab Code:** CHEM

Case No.: LB90346

SAS No.: LB90346

Initial Calibration Source:

Continuing Calibration Source: _____

Sample ID	Analyte	Result	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
CCV1	TOC	958	1000	95.8	0	90 - 110		09/27/2017	11:24	LB90346
CCV2	TOC	925	1000	92.5	0	90 - 110		09/27/2017	14:10	LB90346



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90346

SDG No.: LB90346

Contract:

Lab Code: CHEM

Case No.: LB90346

SAS No.: LB90346

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	19.6	+/-250	J		250		09/27/2017	11:20	LB90346



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90346

SDG No.: LB90346

Contract: _____

Lab Code: CHEM

Case No.: LB90346

SAS No.: LB90346

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	24.1	+/-250	J		250		09/27/2017	11:27	LB90346
CCB2	TOC	15.3	+/-250	J		250		09/27/2017	14:14	LB90346



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90346

SDG No.: LB90346

Contract: Lab Code: CHEM

Case No.: LB90346

SAS No.: LB90346

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: LB90346 **SDG No.:** LB90346

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
LB90346BLS	TOC	SOLID 13.5	<250	Batch Number: J		250		Prep Date: 09/27/2017	11:32	LB90346



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MATRIX SPIKE SUMMARY

client: LB90346 level: low sdg no.: LB90346
contract: lab code: CHEM case no.: LB90346 sas no.: LB90346
matrix: Solid sample id: I5396-01 client id: PAMT-COMP-AMS
Percent Solids for Sample: 68.2 Spiked ID: I5396-01MS Percent Solids for Spike Sample: 68.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
TOC	mg/Kg	75 - 125	9550	OR	9110	OR	1000	44	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB90346 Level: LOW SDG No.: LB90346
Contract: _____ Lab Code: CHEM Case No.: LB90346 SAS No.: LB90346
Matrix: Solid Sample ID: I5396-01 Client ID: PAMT-COMP-ADUP
Percent Solids for Sample: 68.2 Duplicate ID I5396-01DUP Percent Solids for Spike Sample: 68.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
TOC	mg/Kg	20	9110	OR	8900	OR	2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB90346

SDG No.: LB90346

Contract:

Lab Code: CHEM

Case No.: LB90346

SAS No.: LB90346

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
I5275-04 TOC	mg/Kg	500	529		105.8	50 - 150	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB90346

SDG No.: LB90346

Contract:

Lab Code: CHEM

Case No.: LB90346

SAS No.: LB90346

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB90346BSS TOC	mg/Kg	1000	959		95.9	90 - 110	