

Daily Analysis Runlog For Sequence/QC Batch ID # LB90424

Review By

Review On

SubDirectory

LB90424

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	ICV1	ICV1	ICV	09/01/17 11:00		OK
9	ICB1	ICB1	ICB	09/01/17 11:13		OK
10	CCV1	CCV1	CCV	09/29/17 09:49		OK
11	CCB1	CCB1	CCB	09/29/17 10:15		OK
12	LB90424BLW	LB90424BLW	MB	09/29/17 10:39		OK
13	LB90424BSW	LB90424BSW	LCS	09/29/17 11:04		OK
14	I5486-01	PAMT-SSW	SAM	09/29/17 11:27		OK
15	I5496-01	PAMT-COMP-A	SAM	09/29/17 11:51		OK
16	I5496-02	PAMT-COMP-DUP	SAM	09/29/17 12:16		OK
17	I5496-03	PAMT-COMP-B	SAM	09/29/17 12:40		OK
18	I5496-04	PAMT-COMP-E	SAM	09/29/17 13:05		OK
19	I5496-05	PAMT-COMP-A-D	SAM	09/29/17 13:28		OK
20	I5496-06	PAMT-COMP-DUP-D	SAM	09/29/17 13:52		OK
21	I5496-07	PAMT-COMP-B-D	SAM	09/29/17 14:16		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB90424

Review By		Review On				
SubDirectory		LB90424		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	CCV2	CCV2	CCV	09/29/17 14:30		OK
23	CCB2	CCB2	CCB	09/29/17 14:55		OK
24	I5496-08	PAMT-COMP-E-D	SAM	09/29/17 15:31		OK
25	I5486-01MS	PAMT-SSWMS	MS	09/29/17 16:00		OK
26	CCV3	CCV3	CCV	09/29/17 16:13		OK
27	CCB3	CCB3	CCB	09/29/17 16:26		OK



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Report of Analysis

Client:		Date Collected:	9/26/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-SSW	SDG No.:	LB90424
Lab Sample ID:	I5486-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	3.3		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-A	SDG No.:	LB90424
Lab Sample ID:	I5496-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	5.5		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-DUP	SDG No.:	LB90424
Lab Sample ID:	I5496-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	5.4		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-B	SDG No.:	LB90424
Lab Sample ID:	I5496-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	6.7		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-E	SDG No.:	LB90424
Lab Sample ID:	I5496-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	10.3		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-A-D	SDG No.:	LB90424
Lab Sample ID:	I5496-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	2.2		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-DUP-D	SDG No.:	LB90424
Lab Sample ID:	I5496-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	2.7		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-B-D	SDG No.:	LB90424
Lab Sample ID:	I5496-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	4.4		1	0.097		0.5	mg/L		09/29/2017	9060



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Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-E-D	SDG No.:	LB90424
Lab Sample ID:	I5496-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
10-35-5	TOC	3.8		1	0.097		0.5	mg/L		09/29/2017	9060



Report of Analysis

Client:		Date Collected:	9/27/2017 12:00:00 AM
Project:	LB90424	Date Received:	9/27/2017 12:00:00 AM
Client Sample ID:	PAMT-COMP-E-D	SDG No.:	LB90424
Lab Sample ID:	I5496-08	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB90424

SDG No.: LB90424

Contract: _____ Lab Code: CHEM

Case No.: LB90424

SAS No.: LB90424

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	9.6	10	96	0	90 - 110		09/29/2017	09:49	LB90424
CCV2	TOC	9.9	10	99	0	90 - 110		09/29/2017	14:30	LB90424
CCV3	TOC	9.4	10	94	0	90 - 110		09/29/2017	16:13	LB90424



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90424

SDG No.: LB90424

Contract:

Lab Code: CHEM

Case No.: LB90424

SAS No.: LB90424

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	TOC	0.24	+/-0.5	J		0.5		09/01/2017	11:13	LB90424



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90424

SDG No.: LB90424

Contract:

Lab Code: CHEM

Case No.: LB90424

SAS No.: LB90424

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	TOC	0.22	+/-0.5	J			0.5	09/29/2017	10:15	LB90424
CCB2	TOC	0.16	+/-0.5	J			0.5	09/29/2017	14:55	LB90424
CCB3	TOC	0.17	+/-0.5	J			0.5	09/29/2017	16:26	LB90424



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90424

SDG No.: LB90424

Contract: Lab Code: CHEM

Case No.: LB90424

SAS No.: LB90424

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

Client: LB90424

SDG No.: LB90424

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
LB90424BLW	TOC	WATER 0.19	<0.5	Batch Number: J		0.5		Prep Date: 09/29/2017	10:39	LB90424



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB90424 level: low sdg no.: LB90424
contract: lab code: CHEM case no.: LB90424 sas no.: LB90424
matrix: WATER sample id: I5486-01 client id: PAMT-SSWMS
Percent Solids for Sample: 0 Spiked ID: I5486-01MS 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	12.2		3.3		10	89		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB90424

SDG No.: LB90424

Contract:

Lab Code: CHEM

Case No.: LB90424

SAS No.: LB90424

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB90424BSW TOC	mg/L	10	9.5		95	90 - 110	