

Daily Analysis Runlog For Sequence/QC Batch ID # LB91256

Review By		Review On				
SubDirectory		LB91256		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP59255				
ICV Standard		WP59257				
CCV Standard		WP59256				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59254,WP58151,WP58150				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	10/31/17 19:06		OK
2	0.1PPM	0.1PPM	CAL2	10/31/17 19:06		OK
3	0.25PPM	0.25PPM	CAL3	10/31/17 19:06		OK
4	0.50PPM	0.50PPM	CAL4	10/31/17 19:06		OK
5	1.0PPM	1.0PPM	CAL5	10/31/17 19:06		OK
6	2.0PPM	2.0PPM	CAL6	10/31/17 19:06		OK
7	ICV1	ICV1	ICV	10/31/17 19:30		OK
8	ICB1	ICB1	ICB	10/31/17 19:30		OK
9	CCV1	CCV1	CCV	10/31/17 19:30		OK
10	CCB1	CCB1	CCB	10/31/17 19:30		OK
11	PB103862BL	PB103862BL	MB	10/31/17 19:30		OK
12	PB103862BS	PB103862BS	LCS	10/31/17 19:30		OK
13	I6234-04	TW-5-DEP	SAM	10/31/17 19:30		OK
14	I6234-04DUP	TW-5-DEPDUP	DUP	10/31/17 19:30		OK
15	I6234-04MS	TW-5-DEPMS	MS	10/31/17 19:30		OK
16	I6234-04MSD	TW-5-DEPMSD	MSD	10/31/17 19:30		OK
17	CCV2	CCV2	CCV	10/31/17 19:30		OK
18	CCB2	CCB2	CCB	10/31/17 19:30		OK



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Report of Analysis

Client:		Date Collected:	10/28/2017 12:00:00 AM
Project:	LB91256	Date Received:	10/30/2017 12:00:00 AM
Client Sample ID:	TW-5-DEP	SDG No.:	LB91256
Lab Sample ID:	I6234-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	-0.0018	U	1	0.002		0.05	mg/L	10/31/2017	10/31/2017	420.1



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Client Sample ID:	TW-5-DEP	SDG No.:	LB91256
Lab Sample ID:	I6234-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB91256

SDG No.: LB91256

Contract: _____ Lab Code: CHEM

Case No.: LB91256

SAS No.: LB91256

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	Phenolics	1	1	100	0	90 - 110		10/31/2017	19:30	LB91256
CCV2	Phenolics	1	1	100	0	90 - 110		10/31/2017	19:30	LB91256



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91256 **SDG No.:** LB91256
Contract: **Lab Code:** CHEM **Case No.:** LB91256 **SAS No.:** LB91256

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	-0.0006	+/-0.05	U		0.05		10/31/2017	19:30	LB91256



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91256

SDG No.: LB91256

Contract:

Lab Code: CHEM

Case No.: LB91256

SAS No.: LB91256

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	-0.0026	+/-0.05	U		0.05		10/31/2017	19:30	LB91256
CCB2	Phenolics	-0.0039	+/-0.05	U		0.05		10/31/2017	19:30	LB91256



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91256

SDG No.: LB91256

Contract: Lab Code: CHEM

Case No.: LB91256

SAS No.: LB91256

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: LB91256

SDG No.: LB91256

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB103862BL	Phenolics	WATER -0.0021	<0.05	Batch Number: U		PB103862 0.05		Prep Date: 10/31/2017	10/31/2017 19:30	LB91256



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- 5a -
MATRIX SPIKE SUMMARY

client: LB91256 level: low sdg no.: LB91256
contract: lab code: CHEM case no.: LB91256 sas no.: LB91256
matrix: WATER sample id: I6234-04 client id: TW-5-DEPMS
Percent Solids for Sample: 0 Spiked ID: I6234-04MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/L	75 - 125	0.93		0.002	U	1	93		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB91256 level: low sdg no.: LB91256
contract: lab code: CHEM case no.: LB91256 sas no.: LB91256
matrix: WATER sample id: I6234-04 client id: TW-5-DEPMSD
Percent Solids for Sample: 0 Spiked ID: I6234-04MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Phenolics	mg/L	75 - 125	0.93		0.002	U	1	93		



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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91256 **Level:** LOW **SDG No.:** LB91256
Contract: **Lab Code:** CHEM **Case No.:** LB91256 **SAS No.:** LB91256
Matrix: WATER **Sample ID:** I6234-04 **Client ID:** TW-5-DEPDUP
Percent Solids for Sample: 0 **Duplicate ID** I6234-04DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.002	U	0.0003	U			

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91256 **Level:** LOW **SDG No.:** LB91256
Contract: **Lab Code:** CHEM **Case No.:** LB91256 **SAS No.:** LB91256
Matrix: WATER **Sample ID:** I6234-04MS **Client ID:** TW-5-DEPMSD
Percent Solids for Sample: 0 **Duplicate ID** I6234-04MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.93		0.93		0		



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- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB91256

SDG No.: LB91256

Contract:

Lab Code: CHEM

Case No.: LB91256

SAS No.: LB91256

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB103862BS Phenolics	mg/L	1	1		100	80 - 120	