

Daily Analysis Runlog For Sequence/QC Batch ID # LB87355

Review By		Review On				
SubDirectory		LB87355		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP54810				
ICV Standard		WP54812				
CCV Standard		WP54811				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54397				
Chk Standard		WP54813,WP54648,WP54649				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	05/10/17 09:22		OK
2	0.1PPM	0.1PPM	CAL2	05/10/17 09:22		OK
3	0.25PPM	0.25PPM	CAL3	05/10/17 09:22		OK
4	0.50PPM	0.50PPM	CAL4	05/10/17 09:22		OK
5	1.0PPM	1.0PPM	CAL5	05/10/17 09:22		OK
6	2.0PPM	2.0PPM	CAL6	05/10/17 09:22		OK
7	ICV1	ICV1	ICV	05/10/17 09:53		OK
8	ICB1	ICB1	ICB	05/10/17 09:53		OK
9	CCV1	CCV1	CCV	05/10/17 09:53		OK
10	CCB1	CCB1	CCB	05/10/17 09:53		OK
11	PB98815BL	PB98815BL	MB	05/10/17 09:53		OK
12	PB98815BS	PB98815BS	LCS	05/10/17 09:53		OK
13	I3046-01	TWP-13	SAM	05/10/17 09:53		OK
14	I3046-01DUP	TWP-13DUP	DUP	05/10/17 09:53		OK
15	I3046-01MS	TWP-13MS	MS	05/10/17 09:53		OK
16	I3046-01MSD	TWP-13MSD	MSD	05/10/17 09:53		OK
17	I3046-02	TWP-11	SAM	05/10/17 09:53		OK
18	CCV2	CCV2	CCV	05/10/17 09:53		OK
19	CCB2	CCB2	CCB	05/10/17 09:57		OK



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Report of Analysis

Client:		Date Collected:	5/8/2017 12:00:00 AM
Project:	LB87355	Date Received:	5/8/2017 12:00:00 AM
Client Sample ID:	TWP-13	SDG No.:	LB87355
Lab Sample ID:	I3046-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	0.0007	U	1	0.002		0.05	mg/L	05/09/2017	05/10/2017	420.1



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Report of Analysis

Client:		Date Collected:	5/8/2017 12:00:00 AM
Project:	LB87355	Date Received:	5/8/2017 12:00:00 AM
Client Sample ID:	TWP-11	SDG No.:	LB87355
Lab Sample ID:	I3046-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Phenolics	-0.0026	U	1	0.002		0.05	mg/L	05/09/2017	05/10/2017	420.1



Report of Analysis

Client:		Date Collected:	5/8/2017 12:00:00 AM
Project:	LB87355	Date Received:	5/8/2017 12:00:00 AM
Client Sample ID:	TWP-11	SDG No.:	LB87355
Lab Sample ID:	I3046-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB87355

SDG No.: LB87355

Contract: _____ Lab Code: CHEM

Case No.: LB87355

SAS No.: LB87355

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
ICV1	Phenolics	0.99	1	99	0	90 - 110		05/10/2017	09:53	LB87355



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87355

SDG No.: LB87355

Contract: _____ Lab Code: CHEM

Case No.: LB87355

SAS No.: LB87355

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		05/10/2017	09:53	LB87355
CCV2	Phenolics	1	1	100	0	90 - 110		05/10/2017	09:53	LB87355



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87355 **SDG No.:** LB87355
Contract: **Lab Code:** CHEM **Case No.:** LB87355 **SAS No.:** LB87355

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0015	+/-0.05	U		0.05		05/10/2017	09:53	LB87355



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87355

SDG No.: LB87355

Contract:

Lab Code: CHEM

Case No.: LB87355

SAS No.: LB87355

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	-0.0011	+/-0.05	U		0.05		05/10/2017	09:53	LB87355
CCB2	Phenolics	-0.0004	+/-0.05	U		0.05		05/10/2017	09:57	LB87355



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87355

SDG No.: LB87355

Contract:

Lab Code: CHEM

Case No.: LB87355

SAS No.: LB87355

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: LB87355

SDG No.: LB87355

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
PB98815BL	Phenolics	WATER -0.0002	<0.05	Batch Number: U		PB98815 0.05		Prep Date: 05/10/2017	05/09/2017 09:53	LB87355



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- 5a -
MATRIX SPIKE SUMMARY

client: LB87355 level: low sdg no.: LB87355
contract: lab code: CHEM case no.: LB87355 sas no.: LB87355
matrix: WATER sample id: I3046-01 client id: TWP-13MS
Percent Solids for Sample: 0 Spiked ID: I3046-01MS 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	0.95		0.002	U	1	95		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87355 level: low sdg no.: LB87355
contract: lab code: CHEM case no.: LB87355 sas no.: LB87355
matrix: WATER sample id: I3046-01 client id: TWP-13MSD
Percent Solids for Sample: 0 Spiked ID: I3046-01MSD 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	0.96		0.002	U	1	96		

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DUPLICATE SAMPLE SUMMARY

Client: LB87355 **Level:** LOW **SDG No.:** LB87355
Contract: _____ **Lab Code:** CHEM **Case No.:** LB87355 **SAS No.:** LB87355
Matrix: WATER **Sample ID:** I3046-01 **Client ID:** TWP-13DUP
Percent Solids for Sample: 0 **Duplicate ID** I3046-01DUP **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	-0.0021	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB87355 **Level:** LOW **SDG No.:** LB87355
Contract: **Lab Code:** CHEM **Case No.:** LB87355 **SAS No.:** LB87355
Matrix: WATER **Sample ID:** I3046-01MS **Client ID:** TWP-13MSD
Percent Solids for Sample: 0 **Duplicate ID** I3046-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.95		0.96		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87355

SDG No.: LB87355

Contract:

Lab Code: CHEM

Case No.: LB87355

SAS No.: LB87355

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB98815BS Phenolics	mg/L	1	1		100	80 - 120	