

Daily Analysis Runlog For Sequence/QC Batch ID # LB93644

Review By		Review On				
SubDirectory		LB93644		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP62409				
ICV Standard		WP62408				
CCV Standard		WP62407				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62392				
Chk Standard		WP62410,WP58150,WP58151				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	03/02/18 10:28		OK
2	0.1PPM	0.1PPM	CAL2	03/02/18 10:28		OK
3	0.25PPM	0.25PPM	CAL3	03/02/18 10:28		OK
4	0.50PPM	0.50PPM	CAL4	03/02/18 10:28		OK
5	1.0PPM	1.0PPM	CAL5	03/02/18 10:28		OK
6	2.0PPM	2.0PPM	CAL6	03/02/18 10:28		OK
7	ICV1	ICV1	ICV	03/02/18 10:56		OK
8	ICB1	ICB1	ICB	03/02/18 10:56		OK
9	CCV1	CCV1	CCV	03/02/18 10:56		OK
10	CCB1	CCB1	CCB	03/02/18 10:56		OK
11	PB106997BL	PB106997BL	MB	03/02/18 10:56		OK
12	PB106997BS	PB106997BS	LCS	03/02/18 10:56		OK
13	J1734-01	PB-2-OW	SAM	03/02/18 10:56		OK
14	J1734-01DUP	PB-2-OWDUP	DUP	03/02/18 10:56		OK
15	J1734-01MS	PB-2-OWMS	MS	03/02/18 10:56		OK
16	J1734-01MSD	PB-2-OWMSD	MSD	03/02/18 10:56		OK
17	CCV2	CCV2	CCV	03/02/18 10:56		OK
18	CCB2	CCB2	CCB	03/02/18 10:56		OK



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

Report of Analysis

Client:		Date Collected:	2/28/2018 12:00:00 AM
Project:	LB93644	Date Received:	2/28/2018 12:00:00 AM
Client Sample ID:	PB-2-OW	SDG No.:	LB93644
Lab Sample ID:	J1734-01	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	0.0036	J	1	0.002		0.05	mg/L	03/01/2018	03/02/2018	420.1



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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: LB93644

SDG No.: LB93644

Contract: _____

Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

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
ICV1	Phenolics	0.99	1	99		90 - 110		03/02/2018	10:56	LB93644



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93644

SDG No.: LB93644

Contract: _____ Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

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	Phenolics	1	1	100		90 - 110		03/02/2018	10:56	LB93644
CCV2	Phenolics	1	1	100		90 - 110		03/02/2018	10:56	LB93644



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93644

SDG No.: LB93644

Contract:

Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0066	+/-0.05	J		0.05		03/02/2018	10:56	LB93644



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93644

SDG No.: LB93644

Contract:

Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0036	+/-0.05	J		0.05		03/02/2018	10:56	LB93644
CCB2	Phenolics	0.0035	+/-0.05	J		0.05		03/02/2018	10:56	LB93644



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93644

SDG No.: LB93644

Contract: Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

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: LB93644

SDG No.: LB93644

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
PB106997BL	Phenolics	WATER 0.0043	<0.05	Batch Number: J		PB106997 0.05		Prep Date: 03/02/2018	03/01/2018 10:56	LB93644



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- 5a -
MATRIX SPIKE SUMMARY

client: LB93644 level: low sdg no.: LB93644
contract: lab code: CHEM case no.: LB93644 sas no.: LB93644
matrix: WATER sample id: J1734-01 client id: PB-2-OWMS
Percent Solids for Sample: 0 Spiked ID: J1734-01MS 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	0.81		0.0036	J	1	81		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93644 level: low sdg no.: LB93644
contract: lab code: CHEM case no.: LB93644 sas no.: LB93644
matrix: WATER sample id: J1734-01 client id: PB-2-OWMSD
Percent Solids for Sample: 0 Spiked ID: J1734-01MSD 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	0.82		0.0036	J	1	82		

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DUPLICATE SAMPLE SUMMARY

Client: LB93644 **Level:** LOW **SDG No.:** LB93644
Contract: _____ **Lab Code:** CHEM **Case No.:** LB93644 **SAS No.:** LB93644
Matrix: WATER **Sample ID:** J1734-01 **Client ID:** PB-2-OWDUP
Percent Solids for Sample: 0 **Duplicate ID** J1734-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.0036	J	0.0061	J	52	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB93644 **Level:** LOW **SDG No.:** LB93644
Contract: **Lab Code:** CHEM **Case No.:** LB93644 **SAS No.:** LB93644
Matrix: WATER **Sample ID:** J1734-01MS **Client ID:** PB-2-OWMSD
Percent Solids for Sample: 0 **Duplicate ID** J1734-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.81		0.82		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93644

SDG No.: LB93644

Contract:

Lab Code: CHEM

Case No.: LB93644

SAS No.: LB93644

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106997BS Phenolics	mg/L	1	0.98		98	80 - 120	