

Daily Analysis Runlog For Sequence/QC Batch ID # LB94813

Review By		Review On				
SubDirectory		LB94813		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP63887				
ICV Standard		WP63889				
CCV Standard		WP63888				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP63870				
Chk Standard		WP63884,WP63060,WP63061				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	04/23/18 10:20		
2	0.1PPM	0.1PPM	CAL2	04/23/18 10:20		
3	0.25PPM	0.25PPM	CAL3	04/23/18 10:20		
4	0.50PPM	0.50PPM	CAL4	04/23/18 10:20		
5	1.0PPM	1.0PPM	CAL5	04/23/18 10:20		
6	2.0PPM	2.0PPM	CAL6	04/23/18 10:20		
7	ICV1	ICV1	ICV	04/23/18 11:50		
8	ICB1	ICB1	ICB	04/23/18 11:50		
9	CCV1	CCV1	CCV	04/23/18 11:50		
10	CCB1	CCB1	CCB	04/23/18 11:50		
11	PB108450BL	PB108450BL	MB	04/23/18 11:50		
12	PB108450BS	PB108450BS	LCS	04/23/18 11:50		
13	J2471-01	MH-6	SAM	04/23/18 11:50		
14	J2471-01DUP	MH-6DUP	DUP	04/23/18 11:50		
15	J2471-01MS	MH-6MS	MS	04/23/18 11:50		
16	J2471-01MSD	MH-6MSD	MSD	04/23/18 11:50		
17	CCV2	CCV2	CCV	04/23/18 11:50		
18	CCB2	CCB2	CCB	04/23/18 11:50		



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Report of Analysis

Client:		Date Collected:	4/18/2018 12:00:00 AM
Project:	LB94813	Date Received:	4/19/2018 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	LB94813
Lab Sample ID:	J2471-01	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	0.0054	J	1	0.002		0.05	mg/L	04/20/2018	04/23/2018	420.1



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Lab Sample ID:	J2471-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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 mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Phenolics	0.92	1	92		90 - 110		04/23/2018	11:50	LB94813



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94813

SDG No.: LB94813

Contract: _____ Lab Code: CHEM

Case No.: LB94813

SAS No.: LB94813

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		04/23/2018	11:50	LB94813
CCV2	Phenolics	0.98	1	98		90 - 110		04/23/2018	11:50	LB94813



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94813 **SDG No.:** LB94813
Contract: **Lab Code:** CHEM **Case No.:** LB94813 **SAS No.:** LB94813

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	-0.0019	+/-0.05	U		0.05		04/23/2018	11:50	LB94813



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94813

SDG No.: LB94813

Contract:

Lab Code: CHEM

Case No.: LB94813

SAS No.: LB94813

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	-0.0025	+/-0.05	U		0.05		04/23/2018	11:50	LB94813
CCB2	Phenolics	-0.0031	+/-0.05	U		0.05		04/23/2018	11:50	LB94813



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94813

SDG No.: LB94813

Contract: Lab Code: CHEM

Case No.: LB94813

SAS No.: LB94813

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: LB94813

SDG No.: LB94813

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
PB108450BL	Phenolics	WATER -0.0019	<0.05	Batch Number: U		PB108450 0.05		Prep Date: 04/23/2018	04/20/2018 11:50	LB94813



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- 5a -
MATRIX SPIKE SUMMARY

client: LB94813 level: low sdg no.: LB94813
contract: lab code: CHEM case no.: LB94813 sas no.: LB94813
matrix: WATER sample id: J2471-01 client id: MH-6MS
Percent Solids for Sample: 0 Spiked ID: J2471-01MS 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	0.97		0.0054	J	1	96		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94813 level: low sdg no.: LB94813
contract: lab code: CHEM case no.: LB94813 sas no.: LB94813
matrix: WATER sample id: J2471-01 client id: MH-6MSD
Percent Solids for Sample: 0 Spiked ID: J2471-01MSD 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	0.95		0.0054	J	1	94		

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DUPLICATE SAMPLE SUMMARY

Client: LB94813 **Level:** LOW **SDG No.:** LB94813
Contract: **Lab Code:** CHEM **Case No.:** LB94813 **SAS No.:** LB94813
Matrix: WATER **Sample ID:** J2471-01 **Client ID:** MH-6DUP
Percent Solids for Sample: 0 **Duplicate ID** J2471-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.0054	J	-0.0033	U	200.0	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB94813 **Level:** LOW **SDG No.:** LB94813
Contract: **Lab Code:** CHEM **Case No.:** LB94813 **SAS No.:** LB94813
Matrix: WATER **Sample ID:** J2471-01MS **Client ID:** MH-6MSD
Percent Solids for Sample: 0 **Duplicate ID** J2471-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.97		0.95		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94813

SDG No.: LB94813

Contract:

Lab Code: CHEM

Case No.: LB94813

SAS No.: LB94813

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108450BS Phenolics	mg/L	1	0.91		91	80 - 120	