

Daily Analysis Runlog For Sequence/QC Batch ID # LB94477

Review By		Review On				
SubDirectory		LB94477		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP63494				
ICV Standard		WP63496				
CCV Standard		WP63495				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP63408				
Chk Standard		WP63497,WP63060,WP63061				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	04/09/18 11:36		OK
2	0.1PPM	0.1PPM	CAL2	04/09/18 11:36		OK
3	0.25PPM	0.25PPM	CAL3	04/09/18 11:36		OK
4	0.50PPM	0.50PPM	CAL4	04/09/18 11:36		OK
5	1.0PPM	1.0PPM	CAL5	04/09/18 11:36		OK
6	2.0PPM	2.0PPM	CAL6	04/09/18 11:36		OK
7	ICV1	ICV1	ICV	04/09/18 12:35		OK
8	ICB1	ICB1	ICB	04/09/18 12:35		OK
9	CCV1	CCV1	CCV	04/09/18 12:35		OK
10	CCB1	CCB1	CCB	04/09/18 12:35		OK
11	PB108074BL	PB108074BL	MB	04/09/18 12:35		OK
12	PB108074BS	PB108074BS	LCS	04/09/18 12:35		OK
13	J2268-01	MH-92A	SAM	04/09/18 12:35		OK
14	J2268-01DUP	MH-92ADUP	DUP	04/09/18 12:35		OK
15	J2268-01MS	MH-92AMS	MS	04/09/18 12:35		OK
16	J2268-01MSD	MH-92AMSD	MSD	04/09/18 12:35		OK
17	J2268-02	MH-33	SAM	04/09/18 12:35		OK
18	CCV2	CCV2	CCV	04/09/18 12:35		OK
19	CCB2	CCB2	CCB	04/09/18 12:38		OK



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Report of Analysis

Client:		Date Collected:	4/6/2018 12:00:00 AM
Project:	LB94477	Date Received:	4/6/2018 12:00:00 AM
Client Sample ID:	MH-92A	SDG No.:	LB94477
Lab Sample ID:	J2268-01	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	0.014	J	1	0.002		0.05	mg/L	04/06/2018	04/09/2018	420.1



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Report of Analysis

Client:		Date Collected:	4/6/2018 12:00:00 AM
Project:	LB94477	Date Received:	4/6/2018 12:00:00 AM
Client Sample ID:	MH-33	SDG No.:	LB94477
Lab Sample ID:	J2268-02	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	-0.0021	U	1	0.002		0.05	mg/L	04/06/2018	04/09/2018	420.1



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Report of Analysis

Client:		Date Collected:	4/6/2018 12:00:00 AM
Project:	LB94477	Date Received:	4/6/2018 12:00:00 AM
Client Sample ID:	MH-33	SDG No.:	LB94477
Lab Sample ID:	J2268-02	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: LB94477

SDG No.: LB94477

Contract: _____

Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

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	1	1	100		90 - 110		04/09/2018	12:35	LB94477



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94477

SDG No.: LB94477

Contract: _____ Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

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		04/09/2018	12:35	LB94477
CCV2	Phenolics	1	1	100		90 - 110		04/09/2018	12:35	LB94477



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94477

SDG No.: LB94477

Contract:

Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0058	+/-0.05	J		0.05		04/09/2018	12:35	LB94477



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94477

SDG No.: LB94477

Contract:

Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0023	+/-0.05	J		0.05		04/09/2018	12:35	LB94477
CCB2	Phenolics	0.0055	+/-0.05	J		0.05		04/09/2018	12:38	LB94477



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94477

SDG No.: LB94477

Contract: Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

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: LB94477

SDG No.: LB94477

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
PB108074BL	Phenolics	WATER 0.0008	<0.05	Batch Number: U		PB108074 0.05		Prep Date: 04/09/2018	04/06/2018 12:35	LB94477



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- 5a -
MATRIX SPIKE SUMMARY

client: LB94477 level: low sdg no.: LB94477
contract: lab code: CHEM case no.: LB94477 sas no.: LB94477
matrix: WATER sample id: J2268-01 client id: MH-92AMS
Percent Solids for Sample: 0 Spiked ID: J2268-01MS 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	0.66		0.014	J	1	65	*	



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94477 level: low sdg no.: LB94477
contract: lab code: CHEM case no.: LB94477 sas no.: LB94477
matrix: WATER sample id: J2268-01 client id: MH-92AMSD
Percent Solids for Sample: 0 Spiked ID: J2268-01MSD 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	0.66		0.014	J	1	65	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB94477 **Level:** LOW **SDG No.:** LB94477
Contract: _____ **Lab Code:** CHEM **Case No.:** LB94477 **SAS No.:** LB94477
Matrix: WATER **Sample ID:** J2268-01 **Client ID:** MH-92ADUP
Percent Solids for Sample: 0 **Duplicate ID** J2268-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.014	J	0.016	J	13		

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DUPLICATE SAMPLE SUMMARY

Client: LB94477 **Level:** LOW **SDG No.:** LB94477
Contract: _____ **Lab Code:** CHEM **Case No.:** LB94477 **SAS No.:** LB94477
Matrix: WATER **Sample ID:** J2268-01MS **Client ID:** MH-92AMSD
Percent Solids for Sample: 0 **Duplicate ID** J2268-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.66		0.66		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94477

SDG No.: LB94477

Contract:

Lab Code: CHEM

Case No.: LB94477

SAS No.: LB94477

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108074BS Phenolics	mg/L	1	1		100	80 - 120	