

Daily Analysis Runlog For Sequence/QC Batch ID # LB93496

Review By		Review On				
SubDirectory		LB93496		Test : Phenolics		
STD. NAME		STD REF.#				
ICAL Standard		WP62257				
ICV Standard		WP62259				
CCV Standard		WP62258				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62187				
Chk Standard		WP62260,WP58150,WP58151				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.05PPM	0.05PPM	CAL1	02/23/18 15:18		OK
2	0.1PPM	0.1PPM	CAL2	02/23/18 15:18		OK
3	0.25PPM	0.25PPM	CAL3	02/23/18 15:18		OK
4	0.50PPM	0.50PPM	CAL4	02/23/18 15:18		OK
5	1.0PPM	1.0PPM	CAL5	02/23/18 15:18		OK
6	2.0PPM	2.0PPM	CAL6	02/23/18 15:18		OK
7	ICV1	ICV1	ICV	02/23/18 15:42		OK
8	ICB1	ICB1	ICB	02/23/18 15:42		OK
9	CCV1	CCV1	CCV	02/23/18 15:42		OK
10	CCB1	CCB1	CCB	02/23/18 15:42		OK
11	PB106795BL	PB106795BL	MB	02/23/18 15:42		OK
12	PB106795BS	PB106795BS	LCS	02/23/18 15:42		OK
13	J1161-10	LOD-MDL-WATER-0	SAM	02/23/18 15:42		OK
14	J1642-01	MW-9	SAM	02/23/18 15:42		OK
15	J1642-01DUP	MW-9DUP	DUP	02/23/18 15:42		OK
16	J1642-01MS	MW-9MS	MS	02/23/18 15:42		OK
17	J1642-01MSD	MW-9MSD	MSD	02/23/18 15:42		OK
18	J1642-02	FB022118	SAM	02/23/18 15:47		OK
19	CCV2	CCV2	CCV	02/23/18 15:47		OK
20	CCB2	CCB2	CCB	02/23/18 15:47		OK
21	J1161-12	MDL-WATER-06-QT	SAM	02/23/18 16:21		OK



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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CRI Standard		N/A				
LCS Standard		WP62187				
Chk Standard		WP62260,WP58150,WP58151				
22	CCV3	CCV3	CCV	02/23/18 16:21		OK
23	CCB3	CCB3	CCB	02/23/18 16:21		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93496	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-04-QT1-2018	SDG No.:	LB93496
Lab Sample ID:	J1161-10	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	0.0098	J	1	0.002		0.05	mg/L	02/23/2018	02/23/2018	420.1



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93496	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT1-2018	SDG No.:	LB93496
Lab Sample ID:	J1161-12	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	0.01	J	1	0.002		0.05	mg/L	02/23/2018	02/23/2018	420.1



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Report of Analysis

Client:		Date Collected:	2/21/2018 12:00:00 AM
Project:	LB93496	Date Received:	2/21/2018 12:00:00 AM
Client Sample ID:	MW-9	SDG No.:	LB93496
Lab Sample ID:	J1642-01	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	0.03	J	1	0.002		0.05	mg/L	02/23/2018	02/23/2018	420.1



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Report of Analysis

Client:		Date Collected:	2/21/2018 12:00:00 AM
Project:	LB93496	Date Received:	2/21/2018 12:00:00 AM
Client Sample ID:	FB022118	SDG No.:	LB93496
Lab Sample ID:	J1642-02	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	-0.0031	U	1	0.002		0.05	mg/L	02/23/2018	02/23/2018	420.1



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Report of Analysis

Client:		Date Collected:	2/21/2018 12:00:00 AM
Project:	LB93496	Date Received:	2/21/2018 12:00:00 AM
Client Sample ID:	FB022118	SDG No.:	LB93496
Lab Sample ID:	J1642-02	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



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93496

SDG No.: LB93496

Contract: _____ Lab Code: CHEM

Case No.: LB93496

SAS No.: LB93496

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	0.98	1	98		90 - 110		02/23/2018	15:42	LB93496
CCV2	Phenolics	1	1	100		90 - 110		02/23/2018	15:47	LB93496
CCV3	Phenolics	0.97	1	97		90 - 110		02/23/2018	16:21	LB93496



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93496

SDG No.: LB93496

Contract:

Lab Code: CHEM

Case No.: LB93496

SAS No.: LB93496

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	-0.01	+/-0.05	U		0.05		02/23/2018	15:42	LB93496

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	-0.0063	+/-0.05	U		0.05		02/23/2018	15:42	LB93496
CCB2	Phenolics	-0.0011	+/-0.05	U		0.05		02/23/2018	15:47	LB93496
CCB3	Phenolics	-0.0054	+/-0.05	U		0.05		02/23/2018	16:21	LB93496



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93496

SDG No.: LB93496

Contract: Lab Code: CHEM

Case No.: LB93496

SAS No.: LB93496

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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PREPARATION BLANK SUMMARY

Client: LB93496

SDG No.: LB93496

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
PB106795BL	Phenolics	WATER -0.0018	<0.05	Batch Number: U		PB106795 0.05		Prep Date: 02/23/2018	02/23/2018 15:42	LB93496



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MATRIX SPIKE SUMMARY

client: LB93496 level: low sdg no.: LB93496
contract: lab code: CHEM case no.: LB93496 sas no.: LB93496
matrix: WATER sample id: J1642-01 client id: MW-9MS
Percent Solids for Sample: 0 Spiked ID: J1642-01MS 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	1		0.03	J	1	97		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93496 level: low sdg no.: LB93496
contract: lab code: CHEM case no.: LB93496 sas no.: LB93496
matrix: WATER sample id: J1642-01 client id: MW-9MSD
Percent Solids for Sample: 0 Spiked ID: J1642-01MSD 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	1		0.03	J	1	97		

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DUPLICATE SAMPLE SUMMARY

Client: LB93496 **Level:** LOW **SDG No.:** LB93496
Contract: **Lab Code:** CHEM **Case No.:** LB93496 **SAS No.:** LB93496
Matrix: WATER **Sample ID:** J1642-01 **Client ID:** MW-9DUP
Percent Solids for Sample: 0 **Duplicate ID** J1642-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.03	J	0.031	J	3		

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DUPLICATE SAMPLE SUMMARY

Client: LB93496 **Level:** LOW **SDG No.:** LB93496
Contract: **Lab Code:** CHEM **Case No.:** LB93496 **SAS No.:** LB93496
Matrix: WATER **Sample ID:** J1642-01MS **Client ID:** MW-9MSD
Percent Solids for Sample: 0 **Duplicate ID** J1642-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	1		1		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93496

SDG No.: LB93496

Contract:

Lab Code: CHEM

Case No.: LB93496

SAS No.: LB93496

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106795BS Phenolics	mg/L	1	1		100	80 - 120	