



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB86779

SDG No.: LB86779

Contract: _____ Lab Code: CHEM

Case No.: LB86779

SAS No.: LB86779

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	0.99	1	99	0	90 - 110		04/07/2017	16:16	LB86779
CCV2	Phenolics	0.99	1	99	0	90 - 110		04/07/2017	16:16	LB86779



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86779

SDG No.: LB86779

Contract:

Lab Code: CHEM

Case No.: LB86779

SAS No.: LB86779

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.0042	+/-0.05	J		0.05		04/07/2017	16:16	LB86779



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86779

SDG No.: LB86779

Contract:

Lab Code: CHEM

Case No.: LB86779

SAS No.: LB86779

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0006	+/-0.05	U		0.05		04/07/2017	16:16	LB86779
CCB2	Phenolics	0.0046	+/-0.05	J		0.05		04/07/2017	16:16	LB86779



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86779

SDG No.: LB86779

Contract: Lab Code: CHEM

Case No.: LB86779

SAS No.: LB86779

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86779	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	CLEARWELL	SDG No.:	LB86779
Lab Sample ID:	I2561-02	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	0.0049	J	1	0.002		0.05	mg/L	04/07/2017	04/07/2017	420.1



Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86779	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	CLEARWELL	SDG No.:	LB86779
Lab Sample ID:	I2561-02	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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- 3b -
PREPARATION BLANK SUMMARY

Client: LB86779

SDG No.: LB86779

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
PB98138BL	Phenolics	0.0043	<0.05	J						
		WATER		Batch Number:		PB98138		Prep Date:	04/07/2017	
						0.05		04/07/2017	16:16	LB86779



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MATRIX SPIKE SUMMARY

client: LB86779 level: low sdg no.: LB86779
contract: lab code: CHEM case no.: LB86779 sas no.: LB86779
matrix: WATER sample id: I2561-02 client id: CLEARWELLMS
Percent Solids for Sample: 0 Spiked ID: I2561-02MS 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	0.88		0.0049	J	1	88		



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MATRIX SPIKE DUPLICATE SUMMARY

client: LB86779 level: low sdg no.: LB86779
contract: lab code: CHEM case no.: LB86779 sas no.: LB86779
matrix: WATER sample id: I2561-02 client id: CLEARWELLMSD
Percent Solids for Sample: 0 Spiked ID: I2561-02MSD 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	0.87		0.0049	J	1	87		



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DUPLICATE SAMPLE SUMMARY

Client: LB86779 **Level:** LOW **SDG No.:** LB86779
Contract: **Lab Code:** CHEM **Case No.:** LB86779 **SAS No.:** LB86779
Matrix: WATER **Sample ID:** I2561-02 **Client ID:** CLEARWELLDUP
Percent Solids for Sample: 0 **Duplicate ID** I2561-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.0049	J	0.0073	J	39	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB86779 **Level:** LOW **SDG No.:** LB86779
Contract: **Lab Code:** CHEM **Case No.:** LB86779 **SAS No.:** LB86779
Matrix: WATER **Sample ID:** I2561-02MS **Client ID:** CLEARWELLMSD
Percent Solids for Sample: 0 **Duplicate ID** I2561-02MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.88		0.87		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB86779

SDG No.: LB86779

Contract:

Lab Code: CHEM

Case No.: LB86779

SAS No.: LB86779

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB98138BS Phenolics	mg/L	1	0.94		94	80 - 120	