



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87045

SDG No.: LB87045

Contract: _____

Lab Code: CHEM

Case No.: LB87045

SAS No.: LB87045

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
ICV1	Phenolics	0.98	1	98	0	90 - 110		04/25/2017	11:27	LB87045



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87045

SDG No.: LB87045

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Case No.: LB87045

SAS No.: LB87045

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		04/25/2017	11:27	LB87045
CCV2	Phenolics	1	1	100	0	90 - 110		04/25/2017	11:27	LB87045



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87045

SDG No.: LB87045

Contract:

Lab Code: CHEM

Case No.: LB87045

SAS No.: LB87045

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Phenolics	0.011	+/-0.05	J		0.05		04/25/2017	11:27	LB87045



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87045

SDG No.: LB87045

Contract:

Lab Code: CHEM

Case No.: LB87045

SAS No.: LB87045

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Phenolics	0.0014	+/-0.05	U		0.05		04/25/2017	11:27	LB87045
CCB2	Phenolics	-0.0002	+/-0.05	U		0.05		04/25/2017	11:27	LB87045



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87045

SDG No.: LB87045

Contract: Lab Code: CHEM

Case No.: LB87045

SAS No.: LB87045

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	4/20/2017 12:00:00 AM
Project:	LB87045	Date Received:	4/21/2017 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	LB87045
Lab Sample ID:	I2802-02	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	0.009	J	1	0.002		0.05	mg/L	04/24/2017	04/25/2017	420.1



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Report of Analysis

Client:		Date Collected:	4/20/2017 12:00:00 AM
Project:	LB87045	Date Received:	4/21/2017 12:00:00 AM
Client Sample ID:	MH-6	SDG No.:	LB87045
Lab Sample ID:	I2802-02	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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PREPARATION BLANK SUMMARY

Client: LB87045

SDG No.: LB87045

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
PB98442BL	Phenolics	WATER -0.0003	<0.05	Batch Number: U		PB98442 0.05		Prep Date: 04/25/2017	04/24/2017 11:27	LB87045



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MATRIX SPIKE SUMMARY

client: LB87045 level: low sdg no.: LB87045
contract: lab code: CHEM case no.: LB87045 sas no.: LB87045
matrix: WATER sample id: I2802-02 client id: MH-6MS
Percent Solids for Sample: 0 Spiked ID: I2802-02MS 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	0.83		0.009	J	1	82		



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MATRIX SPIKE DUPLICATE SUMMARY

client: LB87045 level: low sdg no.: LB87045
contract: lab code: CHEM case no.: LB87045 sas no.: LB87045
matrix: WATER sample id: I2802-02 client id: MH-6MSD
Percent Solids for Sample: 0 Spiked ID: I2802-02MSD 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	0.84		0.009	J	1	83		

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DUPLICATE SAMPLE SUMMARY

Client: LB87045 **Level:** LOW **SDG No.:** LB87045
Contract: **Lab Code:** CHEM **Case No.:** LB87045 **SAS No.:** LB87045
Matrix: WATER **Sample ID:** I2802-02 **Client ID:** MH-6DUP
Percent Solids for Sample: 0 **Duplicate ID** I2802-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.009	J	0.0079	J	13		

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DUPLICATE SAMPLE SUMMARY

Client: LB87045 **Level:** LOW **SDG No.:** LB87045
Contract: **Lab Code:** CHEM **Case No.:** LB87045 **SAS No.:** LB87045
Matrix: WATER **Sample ID:** I2802-02MS **Client ID:** MH-6MSD
Percent Solids for Sample: 0 **Duplicate ID** I2802-02MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Phenolics	mg/L	20	0.83		0.84		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87045

SDG No.: LB87045

Contract:

Lab Code: CHEM

Case No.: LB87045

SAS No.: LB87045

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB98442BS Phenolics	mg/L	1	1		100	80 - 120	