



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87070

SDG No.: LB87070

Contract: _____ Lab Code: CHEM

Case No.: LB87070

SAS No.: LB87070

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	Reactive Cyanide	0.23	0.25	92	0	90 - 110		04/26/2017	11:58	LB87070
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		04/26/2017	11:58	LB87070



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87070

SDG No.: LB87070

Contract:

Lab Code: CHEM

Case No.: LB87070

SAS No.: LB87070

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00024	+/-0.005	U		0.005		04/26/2017	11:31	LB87070



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87070

SDG No.: LB87070

Contract:

Lab Code: CHEM

Case No.: LB87070

SAS No.: LB87070

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00033	+/-0.005	U		0.005		04/26/2017	11:58	LB87070
CCB2	Reactive Cyanide	0.0001	+/-0.005	U		0.005		04/26/2017	11:58	LB87070



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB87070

SDG No.:

LB87070

Contract:

Lab Code:

CHEM

Case No.:

LB87070

SAS No.:

LB87070

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:	4/24/2017 12:00:00 AM
Project:	LB87070	Date Received:	4/24/2017 12:00:00 AM
Client Sample ID:	TEST-PIT-RD-(0-3)	SDG No.:	LB87070
Lab Sample ID:	I2832-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0015	U	1	0.025		0.05	mg/Kg	04/25/2017	04/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/24/2017 12:00:00 AM
Project:	LB87070	Date Received:	4/24/2017 12:00:00 AM
Client Sample ID:	TEST-PIT-CURVE-(0-5)	SDG No.:	LB87070
Lab Sample ID:	I2832-11	Matrix:	Solid
Level (low/med):	low	% Solid:	86.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0017	U	1	0.025		0.05	mg/Kg	04/25/2017	04/26/2017	9012B



Report of Analysis

Client:		Date Collected:	4/24/2017 12:00:00 AM
Project:	LB87070	Date Received:	4/24/2017 12:00:00 AM
Client Sample ID:	TEST-PIT-CURVE-(0-5)	SDG No.:	LB87070
Lab Sample ID:	I2832-11	Matrix:	Solid
Level (low/med):	low	% Solid:	86.8

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: LB87070

SDG No.: LB87070

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB98454BL	Reactive Cyanide	SOLID -0.0025	<0.05	Batch Number: U		PB98454 0.05		Prep Date: 04/26/2017	04/25/2017 11:58	LB87070

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DUPLICATE SAMPLE SUMMARY

Client: LB87070 **Level:** LOW **SDG No.:** LB87070
Contract: **Lab Code:** CHEM **Case No.:** LB87070 **SAS No.:** LB87070
Matrix: Solid **Sample ID:** I2832-05 **Client ID:** TEST-PIT-RD-(0-3)DUP
Percent Solids for Sample: 87.9 **Duplicate ID** I2832-05DUP **Percent Solids for Spike Sample:** 87.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	-0.0053	U			