



## GENCHEM

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB86573

SDG No.: LB86573

Contract: \_\_\_\_\_

Lab Code: CHEM

Case No.: LB86573

SAS No.: LB86573

Initial Calibration Source: \_\_\_\_\_

Continuing Calibration Source: \_\_\_\_\_

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Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.099	0.099	100	0	85 - 115		03/27/2017	15:50	LB86573

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Initial Calibration Source: \_\_\_\_\_

Continuing Calibration Source: \_\_\_\_\_

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Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.25	0.25	100	0	90 - 110		03/27/2017	16:14	LB86573
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		03/27/2017	16:43	LB86573

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**GENCHEM**

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## INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** LB86573

SDG No.: LB86573

**Contract:**

Lab Code: CHEM

**Case No.:** LB86573

**SAS No.:** LB86573

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00019	+/-0.005	U		0.005		03/27/2017	15:50	LB86573



**GENCHEM**

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### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

**Client:** LB86573

SDG No.: LB86573

**Contract:**

Lab Code: CHEM

**Case No.:** LB86573

**SAS No.:** LB86573

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00089	+/-0.005	U		0.005		03/27/2017	16:14	LB86573
CCB2	Reactive Cyanide	0.0006	+/-0.005	U		0.005		03/27/2017	16:43	LB86573



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86573

SDG No.: LB86573

Contract: Lab Code: CHEM

Case No.: LB86573

SAS No.: LB86573

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:	3/23/2017 12:00:00 AM
Project:	LB86573	Date Received:	3/24/2017 12:00:00 AM
Client Sample ID:	WC-B42-B51-001	SDG No.:	LB86573
Lab Sample ID:	I2384-03	Matrix:	Solid
Level (low/med):	low	% Solid:	77.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.011	U	1	0.025		0.05	mg/Kg	03/27/2017	03/27/2017	9012B



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## Report of Analysis

Client:		Date Collected:	3/23/2017 12:00:00 AM
Project:	LB86573	Date Received:	3/24/2017 12:00:00 AM
Client Sample ID:	WC-B43-B50-001	SDG No.:	LB86573
Lab Sample ID:	I2384-04	Matrix:	Solid
Level (low/med):	low	% Solid:	80

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0099	U	1	0.025		0.05	mg/Kg	03/27/2017	03/27/2017	9012B



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## Report of Analysis

Client:		Date Collected:	3/23/2017 12:00:00 AM
Project:	LB86573	Date Received:	3/24/2017 12:00:00 AM
Client Sample ID:	WC-B43-B50-001	SDG No.:	LB86573
Lab Sample ID:	I2384-04	Matrix:	Solid
Level (low/med):	low	% Solid:	80

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:** LB86573

**SDG No.:** LB86573

**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
PB97841BL	SOLID			Batch Number:		PB97841		Prep Date:	03/27/2017	
	Reactive Cyanide	0.0059	<0.05	U		0.05		03/27/2017	16:43	LB86573

# GENCHEM

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## DUPLICATE SAMPLE SUMMARY

**Client:** LB86573      **Level:** LOW      **SDG No.:** LB86573  
**Contract:**                           **Lab Code:** CHEM      **Case No.:** LB86573      **SAS No.:** LB86573  
**Matrix:** Solid      **Sample ID:** I2384-03      **Client ID:** WC-B42-B51-001DUP  
**Percent Solids for Sample:** 77.3      **Duplicate ID** I2384-03DUP      **Percent Solids for Spike Sample:** 77.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.021	U			