

Daily Analysis Runlog For Sequence/QC Batch ID # LB94273

Review By		Review On				
SubDirectory		LB94273		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63200,WP63201,WP63202,WP63204,WP63205,WP63206				
ICV Standard		WP63208				
CCV Standard		WP63207				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP63209,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/30/18 11:35		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/30/18 11:35		OK
3	10PPBCN	10PPBCN	CAL3	03/30/18 11:35		OK
4	50PPBCN	50PPBCN	CAL4	03/30/18 11:35		OK
5	100PPBCN	100PPBCN	CAL5	03/30/18 11:35		OK
6	250PPBCN	250PPBCN	CAL6	03/30/18 11:35		OK
7	500PPBCN	500PPBCN	CAL7	03/30/18 11:35		OK
8	ICV1	ICV1	ICV	03/30/18 13:34		OK
9	ICB1	ICB1	ICB	03/30/18 13:34		OK
10	CCV1	CCV1	CCV	03/30/18 13:34		OK
11	CCB1	CCB1	CCB	03/30/18 13:34		OK
12	PB107828BL	PB107828BL	MB	03/30/18 13:34		OK
13	J1752-04	NB-01-032918-A	SAM	03/30/18 13:34		OK
14	J1752-04DUP	NB-01-032918-ADUP	DUP	03/30/18 13:34		OK
15	J1752-06	NB-01-032918-B	SAM	03/30/18 13:34		OK
16	J1752-08	NB-01-032918-C	SAM	03/30/18 13:34		OK
17	J1760-10	SU-03-032918	SAM	03/30/18 13:34		OK
18	J2137-01	CB-0318-S-TCLP-64	SAM	03/30/18 13:34		OK
19	J2142-02	GB-RT-2334	SAM	03/30/18 13:42		OK
20	J2142-04	GB-RT-4632	SAM	03/30/18 13:42		OK
21	J2142-06	GB-RT-3025	SAM	03/30/18 13:42		OK

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

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SubDirectory		Test : Reactive Cyanide				
LB94273						
STD. NAME	STD REF.#					
ICAL Standard	WP63200,WP63201,WP63202,WP63204,WP63205,WP63206					
ICV Standard	WP63208					
CCV Standard	WP63207					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP63209,WP59958,WP60878					
22	CCV2	CCV2	CCV	03/30/18 13:42		OK
23	CCB2	CCB2	CCB	03/30/18 13:42		OK
24	J2142-08	GB-RT-4252	SAM	03/30/18 13:42		OK
25	J2142-10	GB-RT-2342	SAM	03/30/18 13:42		OK
26	J2146-02	TP-CS	SAM	03/30/18 13:42		OK
27	J2146-04	TP-CD	SAM	03/30/18 13:42		OK
28	CCV3	CCV3	CCV	03/30/18 13:42		OK
29	CCB3	CCB3	CCB	03/30/18 13:42		OK



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	NB-01-032918-A	SDG No.:	LB94273
Lab Sample ID:	J1752-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.003	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	NB-01-032918-B	SDG No.:	LB94273
Lab Sample ID:	J1752-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0045	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	NB-01-032918-C	SDG No.:	LB94273
Lab Sample ID:	J1752-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0032	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	SU-03-032918	SDG No.:	LB94273
Lab Sample ID:	J1760-10	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0036	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	CB-0318-S-TCLP-64-1	SDG No.:	LB94273
Lab Sample ID:	J2137-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0035	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	GB-RT-2334	SDG No.:	LB94273
Lab Sample ID:	J2142-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0038	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	GB-RT-4632	SDG No.:	LB94273
Lab Sample ID:	J2142-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0041	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	GB-RT-3025	SDG No.:	LB94273
Lab Sample ID:	J2142-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0066	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	GB-RT-4252	SDG No.:	LB94273
Lab Sample ID:	J2142-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0028	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	GB-RT-2342	SDG No.:	LB94273
Lab Sample ID:	J2142-10	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0024	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	TP-CS	SDG No.:	LB94273
Lab Sample ID:	J2146-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0025	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B

Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	TP-CD	SDG No.:	LB94273
Lab Sample ID:	J2146-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.004	U	1	0.025		0.05	mg/Kg	03/30/2018	03/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94273	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	TP-CD	SDG No.:	LB94273
Lab Sample ID:	J2146-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94273

SDG No.: LB94273

Contract: _____ Lab Code: CHEM

Case No.: LB94273

SAS No.: LB94273

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
ICV1	Reactive Cyanide	0.094	0.099	94.9		85 - 115		03/30/2018	13:34	LB94273



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94273

SDG No.: LB94273

Contract: _____ Lab Code: CHEM

Case No.: LB94273

SAS No.: LB94273

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	Reactive Cyanide	0.24	0.25	96		90 - 110		03/30/2018	13:34	LB94273
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		03/30/2018	13:42	LB94273
CCV3	Reactive Cyanide	0.24	0.25	96		90 - 110		03/30/2018	13:42	LB94273



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94273

SDG No.: LB94273

Contract:

Lab Code: CHEM

Case No.: LB94273

SAS No.: LB94273

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00062	+/-0.005	U		0.005		03/30/2018	13:34	LB94273

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00052	+/-0.005	U		0.005		03/30/2018	13:34	LB94273
CCB2	Reactive Cyanide	0.00055	+/-0.005	U		0.005		03/30/2018	13:42	LB94273
CCB3	Reactive Cyanide	0.00064	+/-0.005	U		0.005		03/30/2018	13:42	LB94273



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94273

SDG No.: LB94273

Contract: Lab Code: CHEM

Case No.: LB94273

SAS No.: LB94273

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB94273

SDG No.: LB94273

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
PB107828BL	Reactive Cyanide	SOLID 0.0027	<0.05	Batch Number: U		PB107828 0.05		Prep Date: 03/30/2018	03/30/2018 13:34	LB94273

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94273 Level: LOW SDG No.: LB94273
Contract: _____ Lab Code: CHEM Case No.: LB94273 SAS No.: LB94273
Matrix: Solid Sample ID: J1752-04 Client ID: NB-01-032918-ADUP
Percent Solids for Sample: 100 Duplicate ID J1752-04DUP Percent Solids for Spike Sample: 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.003	U			