

Daily Analysis Runlog For Sequence/QC Batch ID # LB94240

Review By		Review On				
SubDirectory		LB94240		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63147,WP63148,WP63149,WP63150,WP63151,WP63152,WP63153				
ICV Standard		WP63155				
CCV Standard		WP63154				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP63156,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/29/18 11:24		
2	5.0PPBCN	5.0PPBCN	CAL2	03/29/18 11:24		
3	10PPBCN	10PPBCN	CAL3	03/29/18 11:24		
4	50PPBCN	50PPBCN	CAL4	03/29/18 11:24		
5	100PPBCN	100PPBCN	CAL5	03/29/18 11:24		
6	250PPBCN	250PPBCN	CAL6	03/29/18 11:24		
7	500PPBCN	500PPBCN	CAL7	03/29/18 11:24		
8	ICV1	ICV1	ICV	03/29/18 13:55		
9	ICB1	ICB1	ICB	03/29/18 13:55		
10	CCV1	CCV1	CCV	03/29/18 13:55		
11	CCB1	CCB1	CCB	03/29/18 13:55		
12	PB107791BL	PB107791BL	MB	03/29/18 13:55		
13	J1749-08	BU-02-032818	SAM	03/29/18 13:55		
14	J1749-08DUP	BU-02-032818DUP	DUP	03/29/18 13:55		
15	J1755-06	OK-02-032818	SAM	03/29/18 13:56		
16	J1761-04	TR-04-032818	SAM	03/29/18 13:56		
17	J2103-04	LS-SOIL-1	SAM	03/29/18 13:56		
18	J2103-08	LS-SOIL-2	SAM	03/29/18 13:56		
19	J2103-10	LS	SAM	03/29/18 14:00		
20	J2103-10DUP	LSDUP	DUP	03/29/18 14:00		
21	PB107792BL	PB107792BL	MB	03/29/18 14:16		



Instrument ID : KONELAB

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

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Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB94240						
STD. NAME		STD REF.#				
ICAL Standard		WP63147,WP63148,WP63149,WP63150,WP63151,WP63152,WP63153				
ICV Standard		WP63155				
CCV Standard		WP63154				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP63156,WP59958,WP60878				
22	CCV2	CCV2	CCV	03/29/18 14:16		
23	CCB2	CCB2	CCB	03/29/18 14:16		



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	BU-02-032818	SDG No.:	LB94240
Lab Sample ID:	J1749-08	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	-0.0042	U	1	0.025		0.05	mg/Kg	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	OK-02-032818	SDG No.:	LB94240
Lab Sample ID:	J1755-06	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	-0.0025	U	1	0.025		0.05	mg/Kg	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	TR-04-032818	SDG No.:	LB94240
Lab Sample ID:	J1761-04	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	-0.0034	U	1	0.025		0.05	mg/Kg	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	LS-SOIL-1	SDG No.:	LB94240
Lab Sample ID:	J2103-04	Matrix:	Solid
Level (low/med):	low	% Solid:	85.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0047	U	1	0.025		0.05	mg/Kg	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	LS-SOIL-2	SDG No.:	LB94240
Lab Sample ID:	J2103-08	Matrix:	Solid
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0037	U	1	0.025		0.05	mg/Kg	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	LS	SDG No.:	LB94240
Lab Sample ID:	J2103-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0004	U	1	0.0025		0.005	mg/L	03/29/2018	03/29/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/28/2018 12:00:00 AM
Project:	LB94240	Date Received:	3/28/2018 12:00:00 AM
Client Sample ID:	LS	SDG No.:	LB94240
Lab Sample ID:	J2103-10	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94240

SDG No.: LB94240

Contract: _____

Lab Code: CHEM

Case No.: LB94240

SAS No.: LB94240

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	0.095	0.099	96		85 - 115		03/29/2018	13:55	LB94240



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94240

SDG No.: LB94240

Contract: _____ Lab Code: CHEM

Case No.: LB94240

SAS No.: LB94240

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		03/29/2018	13:55	LB94240
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		03/29/2018	14:16	LB94240



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94240 **SDG No.:** LB94240
Contract: **Lab Code:** CHEM **Case No.:** LB94240 **SAS No.:** LB94240

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00068	+/-0.005	U		0.005		03/29/2018	13:55	LB94240



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94240

SDG No.: LB94240

Contract: _____

Lab Code: CHEM

Case No.: LB94240

SAS No.: LB94240

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00022	+/-0.005	U		0.005		03/29/2018	13:55	LB94240
CCB2	Reactive Cyanide	-0.00022	+/-0.005	U		0.005		03/29/2018	14:16	LB94240



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94240

SDG No.: LB94240

Contract: Lab Code: CHEM

Case No.: LB94240

SAS No.: LB94240

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

Client: LB94240

SDG No.: LB94240

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
PB107791BL	Reactive Cyanide	SOLID		Batch Number:		PB107791		Prep Date:	03/29/2018	
		-0.0033	<0.05	U		0.05		03/29/2018	13:55	LB94240
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB107792BL	Reactive Cyanide	WATER		Batch Number:		PB107792		Prep Date:	03/29/2018	
		-0.0006	<0.005	U		0.005		03/29/2018	14:16	LB94240

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DUPLICATE SAMPLE SUMMARY

Client: LB94240 **Level:** LOW **SDG No.:** LB94240
Contract: **Lab Code:** CHEM **Case No.:** LB94240 **SAS No.:** LB94240
Matrix: Solid **Sample ID:** J1749-08 **Client ID:** BU-02-032818DUP
Percent Solids for Sample: 100 **Duplicate ID** J1749-08DUP **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	-0.0025	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB94240 **Level:** LOW **SDG No.:** LB94240
Contract: **Lab Code:** CHEM **Case No.:** LB94240 **SAS No.:** LB94240
Matrix: WATER **Sample ID:** J2103-10 **Client ID:** LSDUP
Percent Solids for Sample: 0 **Duplicate ID** J2103-10DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	-0.0004	U			