

Daily Analysis Runlog For Sequence/QC Batch ID # LB94036

Review By

SubDirectory

Review On

Test :

LB94036

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP62877,WP62878,WP62879,WP62880,WP62881,WP62882,WP62883				
ICV Standard		WP62885				
CCV Standard		WP62884				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62886,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/20/18 13:25		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/20/18 13:25		OK
3	10PPBCN	10PPBCN	CAL3	03/20/18 13:25		OK
4	50PPBCN	50PPBCN	CAL4	03/20/18 13:25		OK
5	100PPBCN	100PPBCN	CAL5	03/20/18 13:25		OK
6	250PPBCN	250PPBCN	CAL6	03/20/18 13:25		OK
7	500PPBCN	500PPBCN	CAL7	03/20/18 13:25		OK
8	ICV1	ICV1	ICV	03/20/18 14:53		OK
9	ICB1	ICB1	ICB	03/20/18 14:53		OK
10	CCV1	CCV1	CCV	03/20/18 14:53		OK
11	CCB1	CCB1	CCB	03/20/18 14:53		OK
12	PB107511BL	PB107511BL	MB	03/20/18 14:53		OK
13	J1760-04	SU-03-031918	SAM	03/20/18 14:53		OK
14	J1760-04DUP	SU-03-031918DUP	DUP	03/20/18 14:53		OK
15	J1974-02	YR18020063	SAM	03/20/18 14:53		OK
16	J1975-07	FS-SOIL	SAM	03/20/18 14:53		OK
17	J1977-04	SP	SAM	03/20/18 14:53		OK
18	J1979-04	SP-1	SAM	03/20/18 14:53		OK
19	PB107512BL	PB107512BL	MB	03/20/18 14:57		OK
20	J1979-06	A3960	SAM	03/20/18 14:57		OK
21	J1979-06DUP	A3960DUP	DUP	03/20/18 14:57		OK



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB94036

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB94036						
STD. NAME	STD REF.#					
ICAL Standard	WP62877,WP62878,WP62879,WP62880,WP62881,WP62882,WP62883					
ICV Standard	WP62885					
CCV Standard	WP62884					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP62886,WP59958,WP60878					
22	CCV2	CCV2	CCV	03/20/18 14:57		OK
23	CCB2	CCB2	CCB	03/20/18 14:58		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	SU-03-031918	SDG No.:	LB94036
Lab Sample ID:	J1760-04	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	0.00024	U	1	0.025		0.05	mg/Kg	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	YR18020063	SDG No.:	LB94036
Lab Sample ID:	J1974-02	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	-0.00082	U	1	0.025		0.05	mg/Kg	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	FS-SOIL	SDG No.:	LB94036
Lab Sample ID:	J1975-07	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	-0.00022	U	1	0.025		0.05	mg/Kg	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	SP	SDG No.:	LB94036
Lab Sample ID:	J1977-04	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	0.00053	U	1	0.025		0.05	mg/Kg	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	SP-1	SDG No.:	LB94036
Lab Sample ID:	J1979-04	Matrix:	Solid
Level (low/med):	low	% Solid:	88.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00032	U	1	0.025		0.05	mg/Kg	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	A3960	SDG No.:	LB94036
Lab Sample ID:	J1979-06	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	0.00029	U	1	0.0025		0.005	mg/L	03/20/2018	03/20/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94036	Date Received:	3/19/2018 12:00:00 AM
Client Sample ID:	A3960	SDG No.:	LB94036
Lab Sample ID:	J1979-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
-----	-----------	-------	------	----	-----	-----	------------	-------	-----------	-----------	----------

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: LB94036

SDG No.: LB94036

Contract: _____ Lab Code: CHEM

Case No.: LB94036

SAS No.: LB94036

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	0.097	0.099	98		85 - 115		03/20/2018	14:53	LB94036



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94036

SDG No.: LB94036

Contract: _____ Lab Code: CHEM

Case No.: LB94036

SAS No.: LB94036

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	0.25	0.25	100		90 - 110		03/20/2018	14:53	LB94036
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		03/20/2018	14:57	LB94036



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94036

SDG No.: LB94036

Contract:

Lab Code: CHEM

Case No.: LB94036

SAS No.: LB94036

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00028	+/-0.005	U		0.005		03/20/2018	14:53	LB94036



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94036

SDG No.: LB94036

Contract:

Lab Code: CHEM

Case No.: LB94036

SAS No.: LB94036

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.0003	+/-0.005	U		0.005		03/20/2018	14:53	LB94036
CCB2	Reactive Cyanide	0.00022	+/-0.005	U		0.005		03/20/2018	14:58	LB94036



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94036

SDG No.: LB94036

Contract: Lab Code: CHEM

Case No.: LB94036

SAS No.: LB94036

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



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB94036

SDG No.: LB94036

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
PB107511BL	Reactive Cyanide	SOLID		Batch Number:		PB107511		Prep Date:	03/20/2018	
		0.00011	<0.05	U		0.05		03/20/2018	14:53	LB94036
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB107512BL	Reactive Cyanide	WATER		Batch Number:		PB107512		Prep Date:	03/20/2018	
		-0.00039	<0.005	U		0.005		03/20/2018	14:57	LB94036

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94036 **Level:** LOW **SDG No.:** LB94036
Contract: **Lab Code:** CHEM **Case No.:** LB94036 **SAS No.:** LB94036
Matrix: Solid **Sample ID:** J1760-04 **Client ID:** SU-03-031918DUP
Percent Solids for Sample: 100 **Duplicate ID** J1760-04DUP **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	-0.00098	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94036 **Level:** LOW **SDG No.:** LB94036
Contract: **Lab Code:** CHEM **Case No.:** LB94036 **SAS No.:** LB94036
Matrix: WATER **Sample ID:** J1979-06 **Client ID:** A3960DUP
Percent Solids for Sample: 0 **Duplicate ID** J1979-06DUP **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	-0.00011	U			