

Daily Analysis Runlog For Sequence/QC Batch ID # LB95627

Review By

SubDirectory

Review On

Test : Reactive Cyanide

LB95627

STD. NAME		STD REF.#				
ICAL Standard		WP64808,WP64809,WP64810,WP64811,WP64812,WP64813,WP64814				
ICV Standard		WP64816				
CCV Standard		WP64815				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64817,WP64695,WP64696				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/25/18 11:25		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/25/18 11:25		OK
3	10PPBCN	10PPBCN	CAL3	05/25/18 11:25		OK
4	50PPBCN	50PPBCN	CAL4	05/25/18 11:25		OK
5	100PPBCN	100PPBCN	CAL5	05/25/18 11:25		OK
6	250PPBCN	250PPBCN	CAL6	05/25/18 11:25		OK
7	500PPBCN	500PPBCN	CAL7	05/25/18 11:25		OK
8	ICV1	ICV1	ICV	05/25/18 11:52		OK
9	ICB1	ICB1	ICB	05/25/18 11:52		OK
10	CCV1	CCV1	CCV	05/25/18 11:52		OK
11	CCB1	CCB1	CCB	05/25/18 11:52		OK
12	PB109678BL	PB109678BL	MB	05/25/18 11:52		OK
13	J2679-26	EO-03-052418-A	SAM	05/25/18 11:52		OK
14	J2679-26DUP	EO-03-052418-ADUP	DUP	05/25/18 11:52		OK
15	J2679-28	EO-03-052418-B	SAM	05/25/18 11:52		OK
16	J2679-30	EO-03-052418-C	SAM	05/25/18 11:52		OK
17	J3114-03	NYS-RT-3460	SAM	05/25/18 11:52		OK
18	J3114-07	NYS-RBR-200035	SAM	05/25/18 11:52		OK
19	J3128-03	TJ-SOIL-RO-72-1199	SAM	05/25/18 12:00		OK
20	J3128-06	TJ-OILY-GRAVEL	SAM	05/25/18 12:00		OK
21	J3130-02	TP-5-WC-1	SAM	05/25/18 12:00		OK

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB95627

Review By		Review On				
SubDirectory		LB95627		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64808,WP64809,WP64810,WP64811,WP64812,WP64813,WP64814				
ICV Standard		WP64816				
CCV Standard		WP64815				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64817,WP64695,WP64696				
22	CCV2	CCV2	CCV	05/25/18 12:00		OK
23	CCB2	CCB2	CCB	05/25/18 12:00		OK
24	J3130-04	TP-5-WC-2	SAM	05/25/18 12:00		OK
25	J3130-06	TP-5-WC-3	SAM	05/25/18 12:00		OK
26	J3130-08	TP-5-WC-4	SAM	05/25/18 12:00		OK
27	PB109679BL	PB109679BL	MB	05/25/18 12:00		OK
28	J3116-02	ETS	SAM	05/25/18 12:00		OK
29	J3116-02DUP	ETSDUP	DUP	05/25/18 12:00		OK
30	J3125-02	72-12013	SAM	05/25/18 12:03		OK
31	CCV3	CCV3	CCV	05/25/18 12:03		OK
32	CCB3	CCB3	CCB	05/25/18 12:03		OK



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	EO-03-052418-A	SDG No.:	LB95627
Lab Sample ID:	J2679-26	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	0.00091	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	EO-03-052418-B	SDG No.:	LB95627
Lab Sample ID:	J2679-28	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	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	EO-03-052418-C	SDG No.:	LB95627
Lab Sample ID:	J2679-30	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	0.005	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	NYS-RT-3460	SDG No.:	LB95627
Lab Sample ID:	J3114-03	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	0.0031	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	NYS-RBR-200035	SDG No.:	LB95627
Lab Sample ID:	J3114-07	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	0.0013	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	ETS	SDG No.:	LB95627
Lab Sample ID:	J3116-02	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	0.00057	U	1	0.0025		0.005	mg/L	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	72-12013	SDG No.:	LB95627
Lab Sample ID:	J3125-02	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	0.0001	U	1	0.0025		0.005	mg/L	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TJ-SOIL-RO-72-11995	SDG No.:	LB95627
Lab Sample ID:	J3128-03	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	0.0069	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TJ-OILY-GRAVEL	SDG No.:	LB95627
Lab Sample ID:	J3128-06	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	0.0032	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TP-5-WC-1	SDG No.:	LB95627
Lab Sample ID:	J3130-02	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	0.0039	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TP-5-WC-2	SDG No.:	LB95627
Lab Sample ID:	J3130-04	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	0.0058	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TP-5-WC-3	SDG No.:	LB95627
Lab Sample ID:	J3130-06	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	0.0053	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TP-5-WC-4	SDG No.:	LB95627
Lab Sample ID:	J3130-08	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	0.0069	U	1	0.025		0.05	mg/Kg	05/25/2018	05/25/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/24/2018 12:00:00 AM
Project:	LB95627	Date Received:	5/24/2018 12:00:00 AM
Client Sample ID:	TP-5-WC-4	SDG No.:	LB95627
Lab Sample ID:	J3130-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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

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: LB95627

SDG No.: LB95627

Contract: _____ Lab Code: CHEM

Case No.: LB95627

SAS No.: LB95627

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		05/25/2018	11:52	lb95627



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95627

SDG No.: LB95627

Contract: _____ Lab Code: CHEM

Case No.: LB95627

SAS No.: LB95627

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		05/25/2018	11:52	lb95627
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		05/25/2018	12:00	lb95627
CCV3	Reactive Cyanide	0.26	0.25	104		90 - 110		05/25/2018	12:03	lb95627



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95627

SDG No.: LB95627

Contract:

Lab Code: CHEM

Case No.: LB95627

SAS No.: LB95627

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00069	+/-0.005	U		0.005		05/25/2018	11:52	lb95627



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95627

SDG No.: LB95627

Contract:

Lab Code: CHEM

Case No.: LB95627

SAS No.: LB95627

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00081	+/-0.005	U		0.005		05/25/2018	11:52	1b95627
CCB2	Reactive Cyanide	0.00043	+/-0.005	U		0.005		05/25/2018	12:00	1b95627
CCB3	Reactive Cyanide	0.00098	+/-0.005	U		0.005		05/25/2018	12:03	1b95627



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95627

SDG No.: LB95627

Contract: Lab Code: CHEM

Case No.: LB95627

SAS No.: LB95627

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: LB95627

SDG No.: LB95627

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
PB109678BL	Reactive Cyanide	SOLID		Batch Number:		PB109678		Prep Date:	05/25/2018	
		0.004	<0.05	U		0.05		05/25/2018	11:52	lb95627
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB109679BL	Reactive Cyanide	WATER		Batch Number:		PB109679		Prep Date:	05/25/2018	
		0.0003	<0.005	U		0.005		05/25/2018	12:00	lb95627

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95627 **Level:** LOW **SDG No.:** LB95627
Contract: **Lab Code:** CHEM **Case No.:** LB95627 **SAS No.:** LB95627
Matrix: Solid **Sample ID:** J2679-26 **Client ID:** EO-03-052418-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J2679-26DUP **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	0.00067	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95627 Level: LOW SDG No.: LB95627
Contract: _____ Lab Code: CHEM Case No.: LB95627 SAS No.: LB95627
Matrix: WATER Sample ID: J3116-02 Client ID: ETSDUP
Percent Solids for Sample: 0 Duplicate ID J3116-02DUP 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	0.00074	U			