

Daily Analysis Runlog For Sequence/QC Batch ID # LB95219

Review By

Review On

SubDirectory

LB95219

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP64319,WP64320,WP64321,WP64322,WP64323,WP64324,WP64325
ICV Standard	WP64327
CCV Standard	WP64326
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP64328,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/09/18 11:21		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/09/18 11:21		OK
3	10PPBCN	10PPBCN	CAL3	05/09/18 11:21		OK
4	50PPBCN	50PPBCN	CAL4	05/09/18 11:21		OK
5	100PPBCN	100PPBCN	CAL5	05/09/18 11:21		OK
6	250PPBCN	250PPBCN	CAL6	05/09/18 11:21		OK
7	500PPBCN	500PPBCN	CAL7	05/09/18 11:21		OK
8	ICV1	ICV1	ICV	05/09/18 12:25		OK
9	ICB1	ICB1	ICB	05/09/18 12:25		OK
10	CCV1	CCV1	CCV	05/09/18 12:25		OK
11	CCB1	CCB1	CCB	05/09/18 12:25		OK
12	PB109068BL	PB109068BL	MB	05/09/18 12:25		OK
13	J1585-21	FMS-SOIL-2	SAM	05/09/18 12:25		OK
14	J2669-06	SU-02-050818	SAM	05/09/18 12:25		OK
15	J2794-02	MW-23WC	SAM	05/09/18 12:25		OK
16	J2803-02	LS-OILY-STONE	SAM	05/09/18 12:25		OK
17	J2805-05	WC-11(10-15)D3	SAM	05/09/18 12:32		OK
18	J2805-06	WC-12(5-10)I4	SAM	05/09/18 12:32		OK
19	J2806-02	CS-OILY-STONE	SAM	05/09/18 12:32		OK
20	CCV2	CCV2	CCV	05/09/18 12:32		OK
21	CCB2	CCB2	CCB	05/09/18 12:33		OK

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB95219

Review By			Review On			
SubDirectory		LB95219		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64319,WP64320,WP64321,WP64322,WP64323,WP64324,WP64325				
ICV Standard		WP64327				
CCV Standard		WP64326				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64328,WP59958,WP60878				
22	J2807-04	BLACK-BROWN-SO	SAM	05/09/18 12:33		OK
23	J2807-08	RED-BLACK-CONCF	SAM	05/09/18 12:33		OK
24	J2807-11	CONCRETE-FOOTIN	SAM	05/09/18 12:33		OK
25	J2811-03	TP-4A	SAM	05/09/18 12:33		OK
26	J2811-06	TP-6A	SAM	05/09/18 12:33		OK
27	J2811-09	TP-6B	SAM	05/09/18 12:33		OK
28	PB109069BL	PB109069BL	MB	05/09/18 12:38		OK
29	J2803-07	OILY-WATER	SAM	05/09/18 12:38		OK
30	J2803-07DUP	OILY-WATERDUP	DUP	05/09/18 12:38		OK
31	J2811-14	TP-6	SAM	05/09/18 12:38		OK
32	CCV3	CCV3	CCV	05/09/18 12:38		OK
33	CCB3	CCB3	CCB	05/09/18 12:38		OK
34	J1585-11	FMS-SOIL-1	SAM	05/09/18 13:00		OK
35	J1585-11DUP	FMS-SOIL-1DUP	DUP	05/09/18 13:00		OK
36	CCV4	CCV4	CCV	05/09/18 13:00		OK
37	CCB4	CCB4	CCB	05/09/18 13:00		OK



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	FMS-SOIL-1	SDG No.:	LB95219
Lab Sample ID:	J1585-11	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	-0.002	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	FMS-SOIL-2	SDG No.:	LB95219
Lab Sample ID:	J1585-21	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	0.0029	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	SU-02-050818	SDG No.:	LB95219
Lab Sample ID:	J2669-06	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	0.0031	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/7/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	MW-23WC	SDG No.:	LB95219
Lab Sample ID:	J2794-02	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	0.0036	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	LS-OILY-STONE	SDG No.:	LB95219
Lab Sample ID:	J2803-02	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	0.0036	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	LB95219
Lab Sample ID:	J2803-07	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	0.001	U	1	0.0025		0.005	mg/L	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	WC-11(10-15)D3	SDG No.:	LB95219
Lab Sample ID:	J2805-05	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	-0.00056	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	WC-12(5-10)I4	SDG No.:	LB95219
Lab Sample ID:	J2805-06	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	0.0026	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	CS-OILY-STONE	SDG No.:	LB95219
Lab Sample ID:	J2806-02	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	0.005	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	BLACK-BROWN-SOIL	SDG No.:	LB95219
Lab Sample ID:	J2807-04	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	0.0065	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	RED-BLACK-CONCRETE-SLAB	SDG No.:	LB95219
Lab Sample ID:	J2807-08	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	0.0065	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	CONCRETE-FOOTING	SDG No.:	LB95219
Lab Sample ID:	J2807-11	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	0.0067	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/7/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	TP-4A	SDG No.:	LB95219
Lab Sample ID:	J2811-03	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	0.0012	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	TP-6A	SDG No.:	LB95219
Lab Sample ID:	J2811-06	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	0.0059	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	TP-6B	SDG No.:	LB95219
Lab Sample ID:	J2811-09	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	0.0012	U	1	0.025		0.05	mg/Kg	05/09/2018	05/09/2018	9012B



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

Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	LB95219
Lab Sample ID:	J2811-14	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	0.00036	U	1	0.0025		0.005	mg/L	05/09/2018	05/09/2018	9012B



Report of Analysis

Client:		Date Collected:	5/8/2018 12:00:00 AM
Project:	LB95219	Date Received:	5/8/2018 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	LB95219
Lab Sample ID:	J2811-14	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: LB95219

SDG No.: LB95219

Contract: _____

Lab Code: CHEM

Case No.: LB95219

SAS No.: LB95219

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	0.09	0.099	90.9		85 - 115		05/09/2018	12:25	lb95219



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95219

SDG No.: LB95219

Contract: _____ Lab Code: CHEM

Case No.: LB95219

SAS No.: LB95219

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		05/09/2018	12:25	lb95219
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		05/09/2018	12:32	lb95219
CCV3	Reactive Cyanide	0.26	0.25	104		90 - 110		05/09/2018	12:38	lb95219
CCV4	Reactive Cyanide	0.26	0.25	104		90 - 110		05/09/2018	13:00	lb95219



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95219

SDG No.: LB95219

Contract:

Lab Code: CHEM

Case No.: LB95219

SAS No.: LB95219

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0012	+/-0.005	U		0.005		05/09/2018	12:25	lb95219

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00053	+/-0.005	U		0.005		05/09/2018	12:25	lb95219
CCB2	Reactive Cyanide	0.00098	+/-0.005	U		0.005		05/09/2018	12:33	lb95219
CCB3	Reactive Cyanide	0.00062	+/-0.005	U		0.005		05/09/2018	12:38	lb95219
CCB4	Reactive Cyanide	0.00085	+/-0.005	U		0.005		05/09/2018	13:00	lb95219



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95219

SDG No.: LB95219

Contract: Lab Code: CHEM

Case No.: LB95219

SAS No.: LB95219

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: LB95219

SDG No.: LB95219

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
PB109068BL	Reactive Cyanide	SOLID		Batch Number:		PB109068		Prep Date:	05/09/2018	
		0.0045	<0.05	U		0.05		05/09/2018	12:25	lb95219
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB109069BL	Reactive Cyanide	WATER		Batch Number:		PB109069		Prep Date:	05/09/2018	
		0.00011	<0.005	U		0.005		05/09/2018	12:38	lb95219

GENCHEM**- 6 -****DUPLICATE SAMPLE SUMMARY**

Client: LB95219 **Level:** LOW **SDG No.:** LB95219
Contract: **Lab Code:** CHEM **Case No.:** LB95219 **SAS No.:** LB95219
Matrix: Solid **Sample ID:** J1585-11 **Client ID:** FMS-SOIL-1DUP
Percent Solids for Sample: 100 **Duplicate ID** J1585-11DUP **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	0.0037	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95219 **Level:** LOW **SDG No.:** LB95219
Contract: **Lab Code:** CHEM **Case No.:** LB95219 **SAS No.:** LB95219
Matrix: WATER **Sample ID:** J2803-07 **Client ID:** OILY-WATERDUP
Percent Solids for Sample: 0 **Duplicate ID** J2803-07DUP **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	0.00036	U			