

Daily Analysis Runlog For Sequence/QC Batch ID # LB95071

Review By		Review On				
SubDirectory		LB95071		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64173,WP64174,WP64175,WP64176,WP64177,WP64178,WP64179				
ICV Standard		WP64181				
CCV Standard		WP64180				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64182,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/03/18 08:32		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/03/18 08:32		OK
3	10PPBCN	10PPBCN	CAL3	05/03/18 08:32		OK
4	50PPBCN	50PPBCN	CAL4	05/03/18 08:32		OK
5	100PPBCN	100PPBCN	CAL5	05/03/18 08:32		OK
6	250PPBCN	250PPBCN	CAL6	05/03/18 08:32		OK
7	500PPBCN	500PPBCN	CAL7	05/03/18 08:32		OK
8	ICV1	ICV1	ICV	05/03/18 11:52		OK
9	ICB1	ICB1	ICB	05/03/18 11:52		OK
10	CCV1	CCV1	CCV	05/03/18 11:52		OK
11	CCB1	CCB1	CCB	05/03/18 11:52		OK
12	PB108858BL	PB108858BL	MB	05/03/18 11:52		OK
13	J2669-02	SU-03-050118-A	SAM	05/03/18 11:52		OK
14	J2669-02DUP	SU-03-050118-ADUP	DUP	05/03/18 11:52		OK
15	J2669-04	SU-03-050118-B	SAM	05/03/18 11:52		OK
16	J2670-02	TR-04-050218	SAM	05/03/18 11:52		OK
17	J2679-02	EO-01-050218-A	SAM	05/03/18 11:52		OK
18	J2679-04	EO-01-050218-B	SAM	05/03/18 11:52		OK
19	J2679-06	EO-01-050218-C	SAM	05/03/18 11:59		OK
20	J2681-02	NB-08-050218-A	SAM	05/03/18 11:59		OK
21	J2681-04	NB-08-050218-B	SAM	05/03/18 11:59		OK

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

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SubDirectory		LB95071		Test : Reactive Cyanide		
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ICAL Standard		WP64173,WP64174,WP64175,WP64176,WP64177,WP64178,WP64179				
ICV Standard		WP64181				
CCV Standard		WP64180				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64182,WP59958,WP60878				
22	CCV2	CCV2	CCV	05/03/18 11:59		OK
23	CCB2	CCB2	CCB	05/03/18 11:59		OK
24	J2686-02	GS-1-PAINT-CHIPS	SAM	05/03/18 11:59		OK
25	J2686-04	GS-2-PAINT-CHIP-W	SAM	05/03/18 11:59		OK
26	J2695-02	CS-1-OILY-STONE	SAM	05/03/18 11:59		OK
27	J2703-02	TP-1	SAM	05/03/18 11:59		OK
28	J2710-03	1020	SAM	05/03/18 11:59		OK
29	J2711-03	4215	SAM	05/03/18 12:00		OK
30	J2712-03	0011	SAM	05/03/18 12:05		OK
31	PB108859BL	PB108859BL	MB	05/03/18 12:05		OK
32	J2703-04	MANHOLE	SAM	05/03/18 12:05		OK
33	J2703-04DUP	MANHOLEDUP	DUP	05/03/18 12:05		OK
34	CCV3	CCV3	CCV	05/03/18 12:05		OK
35	CCB3	CCB3	CCB	05/03/18 12:05		OK



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Report of Analysis

Client:		Date Collected:	5/1/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/1/2018 12:00:00 AM
Client Sample ID:	SU-03-050118-A	SDG No.:	LB95071
Lab Sample ID:	J2669-02	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	-0.0012	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B

Report of Analysis

Client:		Date Collected:	5/1/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/1/2018 12:00:00 AM
Client Sample ID:	SU-03-050118-B	SDG No.:	LB95071
Lab Sample ID:	J2669-04	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	-0.0036	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	TR-04-050218	SDG No.:	LB95071
Lab Sample ID:	J2670-02	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	-0.0078	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	EO-01-050218-A	SDG No.:	LB95071
Lab Sample ID:	J2679-02	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	-0.0065	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	EO-01-050218-B	SDG No.:	LB95071
Lab Sample ID:	J2679-04	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	-0.0074	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	EO-01-050218-C	SDG No.:	LB95071
Lab Sample ID:	J2679-06	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	-0.01	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	NB-08-050218-A	SDG No.:	LB95071
Lab Sample ID:	J2681-02	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	-0.012	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	NB-08-050218-B	SDG No.:	LB95071
Lab Sample ID:	J2681-04	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	-0.01	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	GS-1-PAINT-CHIPS	SDG No.:	LB95071
Lab Sample ID:	J2686-02	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	-0.0072	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	GS-2-PAINT-CHIP-WIPES	SDG No.:	LB95071
Lab Sample ID:	J2686-04	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	-0.0066	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	CS-1-OILY-STONE	SDG No.:	LB95071
Lab Sample ID:	J2695-02	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	-0.016	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB95071
Lab Sample ID:	J2703-02	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	-0.0092	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	MANHOLE	SDG No.:	LB95071
Lab Sample ID:	J2703-04	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	U	1	0.0025		0.005	mg/L	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	1020	SDG No.:	LB95071
Lab Sample ID:	J2710-03	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	-0.0095	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	4215	SDG No.:	LB95071
Lab Sample ID:	J2711-03	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	-0.0081	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	0011	SDG No.:	LB95071
Lab Sample ID:	J2712-03	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	-0.013	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95071	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	0011	SDG No.:	LB95071
Lab Sample ID:	J2712-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB95071

SDG No.: LB95071

Contract: _____

Lab Code: CHEM

Case No.: LB95071

SAS No.: LB95071

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	0.096	0.099	97		85 - 115		05/03/2018	11:52	LB95071



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95071

SDG No.: LB95071

Contract: _____ Lab Code: CHEM

Case No.: LB95071

SAS No.: LB95071

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		05/03/2018	11:52	LB95071
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		05/03/2018	11:59	LB95071
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		05/03/2018	12:05	LB95071



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95071

SDG No.: LB95071

Contract:

Lab Code: CHEM

Case No.: LB95071

SAS No.: LB95071

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		05/03/2018	11:52	LB95071

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		05/03/2018	11:52	LB95071
CCB2	Reactive Cyanide	-0.00099	+/-0.005	U		0.005		05/03/2018	11:59	LB95071
CCB3	Reactive Cyanide	-0.00077	+/-0.005	U		0.005		05/03/2018	12:05	LB95071



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95071

SDG No.: LB95071

Contract: Lab Code: CHEM

Case No.: LB95071

SAS No.: LB95071

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: LB95071

SDG No.: LB95071

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
PB108858BL	Reactive Cyanide	SOLID		Batch Number:		PB108858		Prep Date:	05/03/2018	
		-0.005	<0.05	U		0.05		05/03/2018	11:52	LB95071
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB108859BL	Reactive Cyanide	WATER		Batch Number:		PB108859		Prep Date:	05/03/2018	
		-0.0011	<0.005	U		0.005		05/03/2018	12:05	LB95071

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DUPLICATE SAMPLE SUMMARY

Client: LB95071 **Level:** LOW **SDG No.:** LB95071
Contract: **Lab Code:** CHEM **Case No.:** LB95071 **SAS No.:** LB95071
Matrix: Solid **Sample ID:** J2669-02 **Client ID:** SU-03-050118-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J2669-02DUP **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	-0.013	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB95071 **Level:** LOW **SDG No.:** LB95071
Contract: **Lab Code:** CHEM **Case No.:** LB95071 **SAS No.:** LB95071
Matrix: WATER **Sample ID:** J2703-04 **Client ID:** MANHOLEDUP
Percent Solids for Sample: 0 **Duplicate ID** J2703-04DUP **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	0.0008	U			