

Daily Analysis Runlog For Sequence/QC Batch ID # LB93024

Review By		Review On				
SubDirectory		LB93024		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61492,WP61493,WP61494,WP61495,WP61496,WP61497,WP61498				
ICV Standard		WP61500				
CCV Standard		WP61499				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61501,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/31/18 12:47		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/31/18 12:47		OK
3	10PPBCN	10PPBCN	CAL3	01/31/18 12:47		OK
4	50PPBCN	50PPBCN	CAL4	01/31/18 12:47		OK
5	100PPBCN	100PPBCN	CAL5	01/31/18 12:47		OK
6	250PPBCN	250PPBCN	CAL6	01/31/18 12:47		OK
7	500PPBCN	500PPBCN	CAL7	01/31/18 12:47		OK
8	ICV1	ICV1	ICV	01/31/18 14:07		OK
9	ICB1	ICB1	ICB	01/31/18 14:07		OK
10	CCV1	CCV1	CCV	01/31/18 14:07		OK
11	CCB1	CCB1	CCB	01/31/18 14:07		OK
12	PB106220BL	PB106220BL	MB	01/31/18 14:07		OK
13	J1010-11	BU-02-013018	SAM	01/31/18 14:07		OK
14	J1010-11DUP	BU-02-013018DUP	DUP	01/31/18 14:07		OK
15	J1015-21	CL-02-013018-A	SAM	01/31/18 14:15		OK
16	J1015-23	CL-02-013018-B	SAM	01/31/18 14:15		OK
17	J1015-25	CL-02-013018-C	SAM	01/31/18 14:15		OK
18	J1015-27	CL-02-013018-D	SAM	01/31/18 14:15		OK
19	J1016-08	OK-03-013018	SAM	01/31/18 14:15		OK
20	J1023-08	TR-04-013018	SAM	01/31/18 14:15		OK
21	J1377-03	STONE	SAM	01/31/18 14:15		OK

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

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SubDirectory		Test : Reactive Cyanide				
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ICV Standard	WP61500					
CCV Standard	WP61499					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP61501,WP59958,WP60878					
22	CCV2	CCV2	CCV	01/31/18 14:15		OK
23	CCB2	CCB2	CCB	01/31/18 14:15		OK
24	J1383-03	VNJ-218	SAM	01/31/18 14:15		OK
25	J1383-06	SP-A	SAM	01/31/18 14:21		OK
26	J1384-07	OILY-STONES-1	SAM	01/31/18 14:21		OK
27	J1384-13	OILY-STONES-2	SAM	01/31/18 14:21		OK
28	J1384-17	OILY-CONCRETE	SAM	01/31/18 14:21		OK
29	J1386-01	SOIL-CUTTINGS	SAM	01/31/18 14:21		OK
30	J1378-02	RO-72	SAM	01/31/18 14:37		OK
31	CCV3	CCV3	CCV	01/31/18 14:37		OK
32	CCB3	CCB3	CCB	01/31/18 14:37		OK

Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	BU-02-013018	SDG No.:	LB93024
Lab Sample ID:	J1010-11	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	0.0015	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	CL-02-013018-A	SDG No.:	LB93024
Lab Sample ID:	J1015-21	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	0.001	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	CL-02-013018-B	SDG No.:	LB93024
Lab Sample ID:	J1015-23	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	0.0024	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B

Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	CL-02-013018-C	SDG No.:	LB93024
Lab Sample ID:	J1015-25	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	0.00059	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	CL-02-013018-D	SDG No.:	LB93024
Lab Sample ID:	J1015-27	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	0.0048	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	OK-03-013018	SDG No.:	LB93024
Lab Sample ID:	J1016-08	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	0.0029	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	TR-04-013018	SDG No.:	LB93024
Lab Sample ID:	J1023-08	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	0.0026	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	STONE	SDG No.:	LB93024
Lab Sample ID:	J1377-03	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	0.0043	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	RO-72	SDG No.:	LB93024
Lab Sample ID:	J1378-02	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	0.00011	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	VNJ-218	SDG No.:	LB93024
Lab Sample ID:	J1383-03	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	0.00097	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	SP-A	SDG No.:	LB93024
Lab Sample ID:	J1383-06	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	0.0023	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	OILY-STONES-1	SDG No.:	LB93024
Lab Sample ID:	J1384-07	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	0.0012	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	OILY-STONES-2	SDG No.:	LB93024
Lab Sample ID:	J1384-13	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	0.0009	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	OILY-CONCRETE	SDG No.:	LB93024
Lab Sample ID:	J1384-17	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	0.0017	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS	SDG No.:	LB93024
Lab Sample ID:	J1386-01	Matrix:	Solid
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0016	U	1	0.025		0.05	mg/Kg	01/31/2018	01/31/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/30/2018 12:00:00 AM
Project:	LB93024	Date Received:	1/30/2018 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS	SDG No.:	LB93024
Lab Sample ID:	J1386-01	Matrix:	Solid
Level (low/med):	low	% Solid:	90.6

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: LB93024

SDG No.: LB93024

Contract: _____ Lab Code: CHEM

Case No.: LB93024

SAS No.: LB93024

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		01/31/2018	14:07	lb93024
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		01/31/2018	14:15	lb93024
CCV3	Reactive Cyanide	0.27	0.25	108		90 - 110		01/31/2018	14:37	lb93024



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93024

SDG No.: LB93024

Contract:

Lab Code: CHEM

Case No.: LB93024

SAS No.: LB93024

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0001	+/-0.005	U		0.005		01/31/2018	14:07	1b93024



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93024

SDG No.: LB93024

Contract:

Lab Code: CHEM

Case No.: LB93024

SAS No.: LB93024

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00013	+/-0.005	U		0.005		01/31/2018	14:07	1b93024
CCB2	Reactive Cyanide	0.00064	+/-0.005	U		0.005		01/31/2018	14:15	1b93024
CCB3	Reactive Cyanide	0.00069	+/-0.005	U		0.005		01/31/2018	14:37	1b93024



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93024

SDG No.: LB93024

Contract: Lab Code: CHEM

Case No.: LB93024

SAS No.: LB93024

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: LB93024

SDG No.: LB93024

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
PB106220BL	Reactive Cyanide	SOLID 0.0024	<0.05	Batch Number: U		PB106220 0.05		Prep Date: 01/31/2018	01/31/2018 14:07	lb93024

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93024 **Level:** LOW **SDG No.:** LB93024
Contract: **Lab Code:** CHEM **Case No.:** LB93024 **SAS No.:** LB93024
Matrix: Solid **Sample ID:** J1010-11 **Client ID:** BU-02-013018DUP
Percent Solids for Sample: 100 **Duplicate ID** J1010-11DUP **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	0.002	U			