

Daily Analysis Runlog For Sequence/QC Batch ID # LB95557

Review By		Review On				
SubDirectory		LB95557		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64725,WP64726,WP64727,WP64728,WP64729,WP64730,WP64731				
ICV Standard		WP64733				
CCV Standard		WP64732				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64734,WP64695,WP64696				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/23/18 09:29		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/23/18 09:29		OK
3	10PPBCN	10PPBCN	CAL3	05/23/18 09:29		OK
4	50PPBCN	50PPBCN	CAL4	05/23/18 09:29		OK
5	100PPBCN	100PPBCN	CAL5	05/23/18 09:29		OK
6	250PPBCN	250PPBCN	CAL6	05/23/18 09:29		OK
7	500PPBCN	500PPBCN	CAL7	05/23/18 09:29		OK
8	ICV1	ICV1	ICV	05/23/18 11:50		OK
9	ICB1	ICB1	ICB	05/23/18 11:50		OK
10	CCV1	CCV1	CCV	05/23/18 11:50		OK
11	CCB1	CCB1	CCB	05/23/18 11:50		OK
12	PB109580BL	PB109580BL	MB	05/23/18 11:50		OK
13	J2669-10	SU-02-052218	SAM	05/23/18 11:50		OK
14	J2669-10DUP	SU-02-052218DUP	DUP	05/23/18 11:50		OK
15	J3060-02	TP-3-WC-1	SAM	05/23/18 11:50		OK
16	J3060-04	TP-3-WC-2	SAM	05/23/18 11:50		OK
17	J3060-06	TP-3-WC-3	SAM	05/23/18 11:50		OK
18	J3071-01	SOIL-CUTTINGS	SAM	05/23/18 11:50		OK
19	J3075-04	RO-4-1	SAM	05/23/18 11:57		OK
20	J3078-03	PILE-1-1	SAM	05/23/18 11:57		OK
21	J3078-06	PILE-1-2	SAM	05/23/18 11:57		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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STD. NAME	STD REF.#					
ICAL Standard	WP64725,WP64726,WP64727,WP64728,WP64729,WP64730,WP64731					
ICV Standard	WP64733					
CCV Standard	WP64732					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP64734,WP64695,WP64696					
22	CCV2	CCV2	CCV	05/23/18 11:57		OK
23	CCB2	CCB2	CCB	05/23/18 11:57		OK
24	J3078-09	PILE-1-3	SAM	05/23/18 11:57		OK
25	J3078-12	PILE-1-4	SAM	05/23/18 11:57		OK
26	J3078-15	PILE-2	SAM	05/23/18 11:57		OK
27	CCV3	CCV3	CCV	05/23/18 11:57		OK
28	CCB3	CCB3	CCB	05/23/18 11:57		OK



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	SU-02-052218	SDG No.:	LB95557
Lab Sample ID:	J2669-10	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	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	TP-3-WC-1	SDG No.:	LB95557
Lab Sample ID:	J3060-02	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	0.0049	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	TP-3-WC-2	SDG No.:	LB95557
Lab Sample ID:	J3060-04	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	0.0092	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	TP-3-WC-3	SDG No.:	LB95557
Lab Sample ID:	J3060-06	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	0.0098	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS	SDG No.:	LB95557
Lab Sample ID:	J3071-01	Matrix:	Solid
Level (low/med):	low	% Solid:	85.9

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	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	RO-4-1	SDG No.:	LB95557
Lab Sample ID:	J3075-04	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	0.0063	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-1-1	SDG No.:	LB95557
Lab Sample ID:	J3078-03	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	0.012	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B

Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-1-2	SDG No.:	LB95557
Lab Sample ID:	J3078-06	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	0.012	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-1-3	SDG No.:	LB95557
Lab Sample ID:	J3078-09	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	0.008	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B

Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-1-4	SDG No.:	LB95557
Lab Sample ID:	J3078-12	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	0.0071	U	1	0.025		0.05	mg/Kg	05/23/2018	05/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-2	SDG No.:	LB95557
Lab Sample ID:	J3078-15	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	05/23/2018	05/23/2018	9012B



Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95557	Date Received:	5/22/2018 12:00:00 AM
Client Sample ID:	PILE-2	SDG No.:	LB95557
Lab Sample ID:	J3078-15	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: LB95557

SDG No.: LB95557

Contract: _____ Lab Code: CHEM

Case No.: LB95557

SAS No.: LB95557

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	0.089	0.099	89.9		85 - 115		05/23/2018	11:50	LB95557



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95557

SDG No.: LB95557

Contract: _____ Lab Code: CHEM

Case No.: LB95557

SAS No.: LB95557

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		05/23/2018	11:50	LB95557
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		05/23/2018	11:57	LB95557
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		05/23/2018	11:57	LB95557



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95557

SDG No.: LB95557

Contract:

Lab Code: CHEM

Case No.: LB95557

SAS No.: LB95557

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00082	+/-0.005	U		0.005		05/23/2018	11:50	LB95557



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95557

SDG No.: LB95557

Contract:

Lab Code: CHEM

Case No.: LB95557

SAS No.: LB95557

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0014	+/-0.005	U		0.005		05/23/2018	11:50	LB95557
CCB2	Reactive Cyanide	0.00064	+/-0.005	U		0.005		05/23/2018	11:57	LB95557
CCB3	Reactive Cyanide	0.0017	+/-0.005	U		0.005		05/23/2018	11:57	LB95557



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB95557	SDG No.:	LB95557				
Contract:		Lab Code:	CHEM	Case No.:	LB95557	SAS No.:	LB95557

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: LB95557

SDG No.: LB95557

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
PB109580BL	Reactive Cyanide	SOLID 0.0096	<0.05	Batch Number: U		PB109580 0.05		Prep Date: 05/23/2018	05/23/2018 11:50	LB95557

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95557 **Level:** LOW **SDG No.:** LB95557
Contract: **Lab Code:** CHEM **Case No.:** LB95557 **SAS No.:** LB95557
Matrix: Solid **Sample ID:** J2669-10 **Client ID:** SU-02-052218DUP
Percent Solids for Sample: 100 **Duplicate ID** J2669-10DUP **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	0.0054	U			