

Daily Analysis Runlog For Sequence/QC Batch ID # LB94987

Review By

Review On

SubDirectory

LB94987

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP64083,WP64084,WP64085,WP64086,WP64087,WP64088,WP64089
ICV Standard	WP64091
CCV Standard	WP64090
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP64092,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/30/18 11:04		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/30/18 11:04		OK
3	10PPBCN	10PPBCN	CAL3	04/30/18 11:04		OK
4	50PPBCN	50PPBCN	CAL4	04/30/18 11:04		OK
5	100PPBCN	100PPBCN	CAL5	04/30/18 11:04		OK
6	250PPBCN	250PPBCN	CAL6	04/30/18 11:04		OK
7	500PPBCN	500PPBCN	CAL7	04/30/18 11:04		OK
8	ICV1	ICV1	ICV	04/30/18 14:03		OK
9	ICB1	ICB1	ICB	04/30/18 14:03		OK
10	CCV1	CCV1	CCV	04/30/18 14:03		OK
11	CCB1	CCB1	CCB	04/30/18 14:03		OK
12	PB108716BL	PB108716BL	MB	04/30/18 14:03		OK
13	J2158-08	OK-02-042718	SAM	04/30/18 14:03		OK
14	J2158-08DUP	OK-02-042718DUP	DUP	04/30/18 14:03		OK
15	J2165-08	SU-04-042718	SAM	04/30/18 14:03		OK
16	J2166-06	TR-05-042718	SAM	04/30/18 14:03		OK
17	J2615-03	PLANTER-AREAS-P	SAM	04/30/18 14:03		OK
18	J2616-06	ROBEL-1	SAM	04/30/18 14:03		OK
19	J2616-12	ROBEL-2	SAM	04/30/18 14:10		OK
20	J2616-18	CONCRETE-1	SAM	04/30/18 14:10		OK
21	J2616-24	CONCRETE-2	SAM	04/30/18 14:10		OK

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

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SubDirectory		Test : Reactive Cyanide				
LB94987						
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ICAL Standard		WP64083,WP64084,WP64085,WP64086,WP64087,WP64088,WP64089				
ICV Standard		WP64091				
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ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64092,WP59958,WP60878				
22	CCV2	CCV2	CCV	04/30/18 14:10		OK
23	CCB2	CCB2	CCB	04/30/18 14:10		OK
24	J2616-30	CONCRETE-3	SAM	04/30/18 14:10		OK
25	J2616-36	CONCRETE-4	SAM	04/30/18 14:10		OK
26	J2616-46	HOPE-CREEK-SOIL	SAM	04/30/18 14:10		OK
27	CCV3	CCV3	CCV	04/30/18 14:10		OK
28	CCB3	CCB3	CCB	04/30/18 14:10		OK



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	OK-02-042718	SDG No.:	LB94987
Lab Sample ID:	J2158-08	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	-0.0057	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	SU-04-042718	SDG No.:	LB94987
Lab Sample ID:	J2165-08	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	-0.003	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	TR-05-042718	SDG No.:	LB94987
Lab Sample ID:	J2166-06	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	-0.00033	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	PLANTER-AREAS-PRECHAR	SDG No.:	LB94987
Lab Sample ID:	J2615-03	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	0.0019	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	ROBEL-1	SDG No.:	LB94987
Lab Sample ID:	J2616-06	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	0.0037	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	ROBEL-2	SDG No.:	LB94987
Lab Sample ID:	J2616-12	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	-0.00069	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	CONCRETE-1	SDG No.:	LB94987
Lab Sample ID:	J2616-18	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	0.0035	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	CONCRETE-2	SDG No.:	LB94987
Lab Sample ID:	J2616-24	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	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	CONCRETE-3	SDG No.:	LB94987
Lab Sample ID:	J2616-30	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	0.0028	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	CONCRETE-4	SDG No.:	LB94987
Lab Sample ID:	J2616-36	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	0.0019	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	HOPE-CREEK-SOIL	SDG No.:	LB94987
Lab Sample ID:	J2616-46	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	-0.0016	U	1	0.025		0.05	mg/Kg	04/30/2018	04/30/2018	9012B



Report of Analysis

Client:		Date Collected:	4/27/2018 12:00:00 AM
Project:	LB94987	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	HOPE-CREEK-SOIL	SDG No.:	LB94987
Lab Sample ID:	J2616-46	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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94987

SDG No.: LB94987

Contract: _____ Lab Code: CHEM

Case No.: LB94987

SAS No.: LB94987

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		04/30/2018	14:03	lb94987
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		04/30/2018	14:10	lb94987
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		04/30/2018	14:10	lb94987



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94987 **SDG No.:** LB94987
Contract: **Lab Code:** CHEM **Case No.:** LB94987 **SAS No.:** LB94987

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0005	+/-0.005	U		0.005		04/30/2018	14:03	lb94987

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00047	+/-0.005	U		0.005		04/30/2018	14:03	lb94987
CCB2	Reactive Cyanide	-0.00036	+/-0.005	U		0.005		04/30/2018	14:10	lb94987
CCB3	Reactive Cyanide	-0.00055	+/-0.005	U		0.005		04/30/2018	14:10	lb94987



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94987

SDG No.: LB94987

Contract: Lab Code: CHEM

Case No.: LB94987

SAS No.: LB94987

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: LB94987

SDG No.: LB94987

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
PB108716BL	Reactive Cyanide	SOLID 0.0039	<0.05	Batch Number: U		PB108716 0.05		Prep Date: 04/30/2018	04/30/2018 14:03	lb94987

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB94987 **Level:** LOW **SDG No.:** LB94987
Contract: **Lab Code:** CHEM **Case No.:** LB94987 **SAS No.:** LB94987
Matrix: Solid **Sample ID:** J2158-08 **Client ID:** OK-02-042718DUP
Percent Solids for Sample: 100 **Duplicate ID** J2158-08DUP **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	-0.0043	U			