

Daily Analysis Runlog For Sequence/QC Batch ID # LB95531

Review By

Review On

SubDirectory

LB95531

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP64699,WP64700,WP64701,WP64702,WP64703,WP64704,WP64705				
ICV Standard		WP64707				
CCV Standard		WP64706				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64708,WP64695,WP64696				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/22/18 08:18		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/22/18 08:19		OK
3	10PPBCN	10PPBCN	CAL3	05/22/18 08:19		OK
4	50PPBCN	50PPBCN	CAL4	05/22/18 08:19		OK
5	100PPBCN	100PPBCN	CAL5	05/22/18 08:19		OK
6	250PPBCN	250PPBCN	CAL6	05/22/18 08:19		OK
7	500PPBCN	500PPBCN	CAL7	05/22/18 08:19		OK
8	ICV1	ICV1	ICV	05/22/18 11:47		OK
9	ICB1	ICB1	ICB	05/22/18 11:47		OK
10	CCV1	CCV1	CCV	05/22/18 11:47		OK
11	CCB1	CCB1	CCB	05/22/18 11:47		OK
12	PB109538BL	PB109538BL	MB	05/22/18 11:47		OK
13	J2675-10	HR-05-052118-A	SAM	05/22/18 11:47		OK
14	J2675-10DUP	HR-05-052118-ADUP	DUP	05/22/18 11:47		OK
15	J2679-20	EO-01-052118-A	SAM	05/22/18 11:47		OK
16	J2679-22	EO-01-052118-B	SAM	05/22/18 11:47		OK
17	J2679-24	EO-01-052118-C	SAM	05/22/18 11:47		OK
18	J3055-04	PHASE-1	SAM	05/22/18 11:47		OK
19	J3055-08	PHASE-2	SAM	05/22/18 11:54		OK
20	J3055-12	PHASE-3	SAM	05/22/18 11:54		OK
21	J3056-04	TP-1	SAM	05/22/18 11:54		OK

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

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SubDirectory		LB95531		Test : Reactive Cyanide		
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ICAL Standard		WP64699,WP64700,WP64701,WP64702,WP64703,WP64704,WP64705				
ICV Standard		WP64707				
CCV Standard		WP64706				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64708,WP64695,WP64696				
22	CCV2	CCV2	CCV	05/22/18 11:54		OK
23	CCB2	CCB2	CCB	05/22/18 11:54		OK
24	J3058-03	VNJ-229	SAM	05/22/18 11:54		OK
25	J2675-12	HR-05-052118-B	SAM	05/22/18 11:54		OK
26	J3056-08	TP-2	SAM	05/22/18 11:54		OK
27	CCV3	CCV3	CCV	05/22/18 11:54		OK
28	CCB3	CCB3	CCB	05/22/18 11:54		OK



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	HR-05-052118-A	SDG No.:	LB95531
Lab Sample ID:	J2675-10	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	0.0042	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	HR-05-052118-B	SDG No.:	LB95531
Lab Sample ID:	J2675-12	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	0.0078	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	EO-01-052118-A	SDG No.:	LB95531
Lab Sample ID:	J2679-20	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	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	EO-01-052118-B	SDG No.:	LB95531
Lab Sample ID:	J2679-22	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	0.0079	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	EO-01-052118-C	SDG No.:	LB95531
Lab Sample ID:	J2679-24	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	0.0073	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B

Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	PHASE-1	SDG No.:	LB95531
Lab Sample ID:	J3055-04	Matrix:	Solid
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0073	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	PHASE-2	SDG No.:	LB95531
Lab Sample ID:	J3055-08	Matrix:	Solid
Level (low/med):	low	% Solid:	90.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0075	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	PHASE-3	SDG No.:	LB95531
Lab Sample ID:	J3055-12	Matrix:	Solid
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0039	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB95531
Lab Sample ID:	J3056-04	Matrix:	Solid
Level (low/med):	low	% Solid:	78.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0044	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	LB95531
Lab Sample ID:	J3056-08	Matrix:	Solid
Level (low/med):	low	% Solid:	84.7

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	05/22/2018	05/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	VNJ-229	SDG No.:	LB95531
Lab Sample ID:	J3058-03	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	0.0059	U	1	0.025		0.05	mg/Kg	05/22/2018	05/22/2018	9012B



Report of Analysis

Client:		Date Collected:	5/21/2018 12:00:00 AM
Project:	LB95531	Date Received:	5/21/2018 12:00:00 AM
Client Sample ID:	VNJ-229	SDG No.:	LB95531
Lab Sample ID:	J3058-03	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: LB95531

SDG No.: LB95531

Contract: _____

Lab Code: CHEM

Case No.: LB95531

SAS No.: LB95531

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	0.097	0.099	98		85 - 115		05/22/2018	11:47	lb95531



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95531

SDG No.: LB95531

Contract: _____ Lab Code: CHEM

Case No.: LB95531

SAS No.: LB95531

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		05/22/2018	11:47	lb95531
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		05/22/2018	11:54	lb95531
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		05/22/2018	11:54	lb95531



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95531 **SDG No.:** LB95531
Contract: **Lab Code:** CHEM **Case No.:** LB95531 **SAS No.:** LB95531

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		05/22/2018	11:47	lb95531

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00059	+/-0.005	U		0.005		05/22/2018	11:47	lb95531
CCB2	Reactive Cyanide	0.00056	+/-0.005	U		0.005		05/22/2018	11:54	lb95531
CCB3	Reactive Cyanide	0.00078	+/-0.005	U		0.005		05/22/2018	11:54	lb95531



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB95531	SDG No.:	LB95531				
Contract:		Lab Code:	CHEM	Case No.:	LB95531	SAS No.:	LB95531

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: LB95531

SDG No.: LB95531

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
PB109538BL	Reactive Cyanide	SOLID 0.009	<0.05	Batch Number: U		PB109538 0.05		Prep Date: 05/22/2018	05/22/2018 11:47	lb95531

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95531 **Level:** LOW **SDG No.:** LB95531
Contract: **Lab Code:** CHEM **Case No.:** LB95531 **SAS No.:** LB95531
Matrix: Solid **Sample ID:** J2675-10 **Client ID:** HR-05-052118-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J2675-10DUP **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	0.0014	U			