

Daily Analysis Runlog For Sequence/QC Batch ID # LB93258

Review By

Review On

SubDirectory

LB93258

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP61855,WP61856,WP61857,WP61858,WP61859,WP61861,WP61864				
ICV Standard		WP61866				
CCV Standard		WP61865				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61867,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/13/18 12:57		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/13/18 12:57		OK
3	10PPBCN	10PPBCN	CAL3	02/13/18 12:57		OK
4	50PPBCN	50PPBCN	CAL4	02/13/18 12:57		OK
5	100PPBCN	100PPBCN	CAL5	02/13/18 12:57		OK
6	250PPBCN	250PPBCN	CAL6	02/13/18 12:57		OK
7	500PPBCN	500PPBCN	CAL7	02/13/18 12:57		OK
8	ICV1	ICV1	ICV	02/13/18 14:17		OK
9	ICB1	ICB1	ICB	02/13/18 14:17		OK
10	CCV1	CCV1	CCV	02/13/18 14:17		OK
11	CCB1	CCB1	CCB	02/13/18 14:17		OK
12	PB106512BL	PB106512BL	MB	02/13/18 14:42		OK
13	J1397-02	CL-01-021218-A	SAM	02/13/18 14:42		OK
14	J1397-02DUP	CL-01-021218-ADUP	DUP	02/13/18 14:42		OK
15	J1397-04	CL-01-021218-B	SAM	02/13/18 14:42		OK
16	J1397-06	CL-01-021218-C	SAM	02/13/18 14:42		OK
17	J1397-08	CL-01-021218-D	SAM	02/13/18 14:42		OK
18	J1398-02	OK-02-021218	SAM	02/13/18 14:42		OK
19	J1403-04	SU-03-021218	SAM	02/13/18 14:42		OK
20	J1537-07	SB-01-COMP	SAM	02/13/18 14:42		OK
21	J1537-08	SB-02-COMP	SAM	02/13/18 14:42		OK

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

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SubDirectory		Test : Reactive Cyanide				
LB93258						
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ICAL Standard		WP61855,WP61856,WP61857,WP61858,WP61859,WP61861,WP61864				
ICV Standard		WP61866				
CCV Standard		WP61865				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61867,WP59958,WP60878				
22	CCV2	CCV2	CCV	02/13/18 14:42		OK
23	CCB2	CCB2	CCB	02/13/18 14:46		OK
24	J1537-09	SB-03-COMP	SAM	02/13/18 14:46		OK
25	CCV3	CCV3	CCV	02/13/18 14:46		OK
26	CCB3	CCB3	CCB	02/13/18 14:46		OK



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Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	CL-01-021218-A	SDG No.:	LB93258
Lab Sample ID:	J1397-02	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	0.0084	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B

Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	CL-01-021218-B	SDG No.:	LB93258
Lab Sample ID:	J1397-04	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	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	CL-01-021218-C	SDG No.:	LB93258
Lab Sample ID:	J1397-06	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	0.0094	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	CL-01-021218-D	SDG No.:	LB93258
Lab Sample ID:	J1397-08	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	0.0092	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	OK-02-021218	SDG No.:	LB93258
Lab Sample ID:	J1398-02	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	0.0093	U	1	0.025		0.049	mg/Kg	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/12/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	SU-03-021218	SDG No.:	LB93258
Lab Sample ID:	J1403-04	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	02/13/2018	02/13/2018	9012B

Report of Analysis

Client:		Date Collected:	2/9/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	SB-01-COMP	SDG No.:	LB93258
Lab Sample ID:	J1537-07	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	0.0085	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/9/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	SB-02-COMP	SDG No.:	LB93258
Lab Sample ID:	J1537-08	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	0.01	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/9/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	SB-03-COMP	SDG No.:	LB93258
Lab Sample ID:	J1537-09	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	0.0057	U	1	0.025		0.05	mg/Kg	02/13/2018	02/13/2018	9012B



Report of Analysis

Client:		Date Collected:	2/9/2018 12:00:00 AM
Project:	LB93258	Date Received:	2/12/2018 12:00:00 AM
Client Sample ID:	SB-03-COMP	SDG No.:	LB93258
Lab Sample ID:	J1537-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB93258

SDG No.: LB93258

Contract: _____ Lab Code: CHEM

Case No.: LB93258

SAS No.: LB93258

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		02/13/2018	14:17	lb93258



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93258

SDG No.: LB93258

Contract: _____ Lab Code: CHEM

Case No.: LB93258

SAS No.: LB93258

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		02/13/2018	14:17	lb93258
CCV2	Reactive Cyanide	0.23	0.25	92		90 - 110		02/13/2018	14:42	lb93258
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		02/13/2018	14:46	lb93258



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93258 **SDG No.:** LB93258
Contract: **Lab Code:** CHEM **Case No.:** LB93258 **SAS No.:** LB93258

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00066	+/-0.005	U		0.005		02/13/2018	14:17	lb93258



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93258

SDG No.: LB93258

Contract:

Lab Code: CHEM

Case No.: LB93258

SAS No.: LB93258

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00069	+/-0.005	U		0.005		02/13/2018	14:17	lb93258
CCB2	Reactive Cyanide	0.00054	+/-0.005	U		0.005		02/13/2018	14:46	lb93258
CCB3	Reactive Cyanide	0.0011	+/-0.005	U		0.005		02/13/2018	14:46	lb93258



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB93258

SDG No.:

LB93258

Contract:

Lab Code:

CHEM

Case No.:

LB93258

SAS No.:

LB93258

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: LB93258

SDG No.: LB93258

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
PB106512BL	Reactive Cyanide	SOLID 0.0091	<0.05	Batch Number: U		PB106512 0.05		Prep Date: 02/13/2018	02/13/2018 14:42	lb93258

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93258 **Level:** LOW **SDG No.:** LB93258
Contract: **Lab Code:** CHEM **Case No.:** LB93258 **SAS No.:** LB93258
Matrix: Solid **Sample ID:** J1397-02 **Client ID:** CL-01-021218-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J1397-02DUP **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	0.0094	U			