

Daily Analysis Runlog For Sequence/QC Batch ID # LB93935

Review By

Review On

SubDirectory

LB93935

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP62749,WP62750,WP62751,WP62752,WP62753,WP62754,WP62755
ICV Standard	WP62757
CCV Standard	WP62756
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP62758,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/15/18 13:14		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/15/18 13:14		OK
3	10PPBCN	10PPBCN	CAL3	03/15/18 13:14		OK
4	50PPBCN	50PPBCN	CAL4	03/15/18 13:14		OK
5	100PPBCN	100PPBCN	CAL5	03/15/18 13:14		OK
6	250PPBCN	250PPBCN	CAL6	03/15/18 13:14		OK
7	500PPBCN	500PPBCN	CAL7	03/15/18 13:15		OK
8	ICV1	ICV1	ICV	03/15/18 15:06		OK
9	ICB1	ICB1	ICB	03/15/18 15:06		OK
10	CCV1	CCV1	CCV	03/15/18 15:06		OK
11	CCB1	CCB1	CCB	03/15/18 15:06		OK
12	PB107392BL	PB107392BL	MB	03/15/18 15:06		OK
13	J1752-02	NB-08-031418	SAM	03/15/18 15:07		OK
14	J1752-02DUP	NB-08-031418DUP	DUP	03/15/18 15:07		OK
15	J1757-02	EO-01-031418-A	SAM	03/15/18 15:07		OK
16	J1757-04	EO-01-031418-B	SAM	03/15/18 15:07		OK
17	J1757-06	EO-01-031418-C	SAM	03/15/18 15:07		OK
18	J1929-04	LS-PIT-1	SAM	03/15/18 15:07		OK
19	J1929-08	LS-PIT-2	SAM	03/15/18 15:11		OK
20	J1929-12	LS-PIT-3	SAM	03/15/18 15:27		OK
21	CCV2	CCV2	CCV	03/15/18 15:27		OK



Instrument ID : KONELAB

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

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Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB93935						
STD. NAME	STD REF.#					
ICAL Standard	WP62749,WP62750,WP62751,WP62752,WP62753,WP62754,WP62755					
ICV Standard	WP62757					
CCV Standard	WP62756					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP62758,WP59958,WP60878					
22	CCB2	CCB2	CCB	03/15/18 15:27		OK

Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	NB-08-031418	SDG No.:	LB93935
Lab Sample ID:	J1752-02	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	0.00015	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	EO-01-031418-A	SDG No.:	LB93935
Lab Sample ID:	J1757-02	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	0.0018	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	EO-01-031418-B	SDG No.:	LB93935
Lab Sample ID:	J1757-04	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	-0.00071	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	EO-01-031418-C	SDG No.:	LB93935
Lab Sample ID:	J1757-06	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	-0.00055	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B

Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	LS-PIT-1	SDG No.:	LB93935
Lab Sample ID:	J1929-04	Matrix:	Solid
Level (low/med):	low	% Solid:	84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00019	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B

Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	LS-PIT-2	SDG No.:	LB93935
Lab Sample ID:	J1929-08	Matrix:	Solid
Level (low/med):	low	% Solid:	86.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00083	U	1	0.025		0.05	mg/Kg	03/15/2018	03/15/2018	9012B

Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	LS-PIT-3	SDG No.:	LB93935
Lab Sample ID:	J1929-12	Matrix:	Solid
Level (low/med):	low	% Solid:	82.7

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	03/15/2018	03/15/2018	9012B

Report of Analysis

Client:		Date Collected:	3/14/2018 12:00:00 AM
Project:	LB93935	Date Received:	3/14/2018 12:00:00 AM
Client Sample ID:	LS-PIT-3	SDG No.:	LB93935
Lab Sample ID:	J1929-12	Matrix:	Solid
Level (low/med):	low	% Solid:	82.7

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: LB93935

SDG No.: LB93935

Contract: _____ Lab Code: CHEM

Case No.: LB93935

SAS No.: LB93935

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	0.099	0.099	100		85 - 115		03/15/2018	15:06	LB93935



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93935

SDG No.: LB93935

Contract: _____ Lab Code: CHEM

Case No.: LB93935

SAS No.: LB93935

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		03/15/2018	15:06	LB93935
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		03/15/2018	15:27	LB93935



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB93935	SDG No.:	LB93935				
Contract:		Lab Code:	CHEM	Case No.:	LB93935	SAS No.:	LB93935

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00027	+/-0.005	U		0.005		03/15/2018	15:06	LB93935



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93935

SDG No.: LB93935

Contract:

Lab Code: CHEM

Case No.: LB93935

SAS No.: LB93935

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0001	+/-0.005	U		0.005		03/15/2018	15:06	LB93935
CCB2	Reactive Cyanide	0.0001	+/-0.005	U		0.005		03/15/2018	15:27	LB93935



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93935

SDG No.: LB93935

Contract: Lab Code: CHEM

Case No.: LB93935

SAS No.: LB93935

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: LB93935

SDG No.: LB93935

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
PB107392BL	Reactive Cyanide	SOLID -0.00043	<0.05	Batch Number: U		PB107392 0.05		Prep Date: 03/15/2018	03/15/2018 15:06	LB93935

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DUPLICATE SAMPLE SUMMARY

Client: LB93935 **Level:** LOW **SDG No.:** LB93935
Contract: **Lab Code:** CHEM **Case No.:** LB93935 **SAS No.:** LB93935
Matrix: Solid **Sample ID:** J1752-02 **Client ID:** NB-08-031418DUP
Percent Solids for Sample: 100 **Duplicate ID** J1752-02DUP **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	-0.00084	U			