

Daily Analysis Runlog For Sequence/QC Batch ID # LB86736

Review By

Review On

SubDirectory

LB86736

Test :

Reactive Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP54029,WP54030,WP54035,WP54036,WP54037,WP54038,WP54039,WP54040				
ICV Standard		WP54043				
CCV Standard		WP54042				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP54041,WP51626,WP51276				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/06/17 09:54		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/06/17 09:54		OK
3	10PPBCN	10PPBCN	CAL3	04/06/17 09:54		OK
4	50PPBCN	50PPBCN	CAL4	04/06/17 09:54		OK
5	100PPBCN	100PPBCN	CAL5	04/06/17 09:54		OK
6	250PPBCN	250PPBCN	CAL6	04/06/17 09:54		OK
7	500PPBCN	500PPBCN	CAL7	04/06/17 09:54		OK
8	ICV1	ICV1	ICV	04/06/17 13:07		OK
9	ICB1	ICB1	ICB	04/06/17 13:07		OK
10	CCV1	CCV1	CCV	04/06/17 13:07		OK
11	CCB1	CCB1	CCB	04/06/17 13:07		OK
12	PB98062BL	PB98062BL	MB	04/06/17 13:07		OK
13	I2537-05	B1-(0-5)	SAM	04/06/17 13:07		OK
14	I2537-05DUP	B1-(0-5)DUP	DUP	04/06/17 13:07		OK
15	I2537-10	B4-(0-5)	SAM	04/06/17 13:07		OK
16	I2537-15	B5-(0-5)	SAM	04/06/17 13:07		OK
17	I2537-20	B8-(0-5)	SAM	04/06/17 13:07		OK
18	I2538-10	LOCUST-ST-IP(3-5)	SAM	04/06/17 13:07		OK
19	PB98103BL	PB98103BL	MB	04/06/17 13:15		OK
20	I2569-03	RT3456-275030	SAM	04/06/17 13:15		OK
21	I2569-03DUP	RT3456-275030DUP	DUP	04/06/17 13:15		OK

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

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SubDirectory		LB86736		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP54029,WP54030,WP54035,WP54036,WP54037,WP54038,WP54039,WP54040				
ICV Standard		WP54043				
CCV Standard		WP54042				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP54041,WP51626,WP51276				
22	CCV2	CCV2	CCV	04/06/17 13:15		OK
23	CCB2	CCB2	CCB	04/06/17 13:15		OK
24	I2572-03	15-41	SAM	04/06/17 13:15		OK
25	I2572-06	RT-2891	SAM	04/06/17 13:15		OK
26	I2572-09	RT-3460	SAM	04/06/17 13:15		OK
27	I2571-03	DUNCAN-AVE	SAM	04/06/17 13:31		OK
28	CCV3	CCV3	CCV	04/06/17 13:31		OK
29	CCB3	CCB3	CCB	04/06/17 13:31		OK



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Report of Analysis

Client:		Date Collected:	4/4/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/4/2017 12:00:00 AM
Client Sample ID:	B1-(0-5)	SDG No.:	LB86736
Lab Sample ID:	I2537-05	Matrix:	Solid
Level (low/med):	low	% Solid:	92.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0023	U	1	0.025		0.05	mg/Kg	04/05/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/4/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/4/2017 12:00:00 AM
Client Sample ID:	B4-(0-5)	SDG No.:	LB86736
Lab Sample ID:	I2537-10	Matrix:	Solid
Level (low/med):	low	% Solid:	88.5

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	04/05/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/4/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/4/2017 12:00:00 AM
Client Sample ID:	B5-(0-5)	SDG No.:	LB86736
Lab Sample ID:	I2537-15	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	0.0044	U	1	0.025		0.05	mg/Kg	04/05/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/4/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/4/2017 12:00:00 AM
Client Sample ID:	B8-(0-5)	SDG No.:	LB86736
Lab Sample ID:	I2537-20	Matrix:	Solid
Level (low/med):	low	% Solid:	91.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0022	U	1	0.025		0.05	mg/Kg	04/05/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/4/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/4/2017 12:00:00 AM
Client Sample ID:	LOCUST-ST-IP(3-5)	SDG No.:	LB86736
Lab Sample ID:	I2538-10	Matrix:	Solid
Level (low/med):	low	% Solid:	88.3

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	04/05/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	RT3456-275030	SDG No.:	LB86736
Lab Sample ID:	I2569-03	Matrix:	Solid
Level (low/med):	low	% Solid:	85.1

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	04/06/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	DUNCAN-AVE	SDG No.:	LB86736
Lab Sample ID:	I2571-03	Matrix:	Solid
Level (low/med):	low	% Solid:	86.4

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	04/06/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	15-41	SDG No.:	LB86736
Lab Sample ID:	I2572-03	Matrix:	Solid
Level (low/med):	low	% Solid:	78.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0062	U	1	0.025		0.05	mg/Kg	04/06/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	RT-2891	SDG No.:	LB86736
Lab Sample ID:	I2572-06	Matrix:	Solid
Level (low/med):	low	% Solid:	21.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0021	U	1	0.025		0.049	mg/Kg	04/06/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	RT-3460	SDG No.:	LB86736
Lab Sample ID:	I2572-09	Matrix:	Solid
Level (low/med):	low	% Solid:	78.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0032	U	1	0.025		0.05	mg/Kg	04/06/2017	04/06/2017	9012B



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Report of Analysis

Client:		Date Collected:	4/5/2017 12:00:00 AM
Project:	LB86736	Date Received:	4/5/2017 12:00:00 AM
Client Sample ID:	RT-3460	SDG No.:	LB86736
Lab Sample ID:	I2572-09	Matrix:	Solid
Level (low/med):	low	% Solid:	78.3

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: LB86736

SDG No.: LB86736

Contract: _____

Lab Code: CHEM

Case No.: LB86736

SAS No.: LB86736

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.094	0.099	94.9	0	85 - 115		04/06/2017	13:07	LB86736



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB86736

SDG No.: LB86736

Contract: _____ Lab Code: CHEM

Case No.: LB86736

SAS No.: LB86736

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.24	0.25	96	0	90 - 110		04/06/2017	13:07	LB86736
CCV2	Reactive Cyanide	0.24	0.25	96	0	90 - 110		04/06/2017	13:15	LB86736
CCV3	Reactive Cyanide	0.26	0.25	104	0	90 - 110		04/06/2017	13:31	LB86736



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86736 **SDG No.:** LB86736
Contract: **Lab Code:** CHEM **Case No.:** LB86736 **SAS No.:** LB86736

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00088	+/-0.005	U		0.005		04/06/2017	13:07	LB86736

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0012	+/-0.005	U		0.005		04/06/2017	13:07	LB86736
CCB2	Reactive Cyanide	0.0012	+/-0.005	U		0.005		04/06/2017	13:15	LB86736
CCB3	Reactive Cyanide	0.001	+/-0.005	U		0.005		04/06/2017	13:31	LB86736



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB86736

SDG No.: LB86736

Contract: Lab Code: CHEM

Case No.: LB86736

SAS No.: LB86736

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: LB86736

SDG No.: LB86736

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
PB98062BL	SOLID		Batch Number:		PB98062		Prep Date:		04/05/2017	
	Reactive Cyanide	0.011	<0.05	U		0.05		04/06/2017	13:07	LB86736
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB98103BL	SOLID		Batch Number:		PB98103		Prep Date:		04/06/2017	
	Reactive Cyanide	0.0062	<0.05	U		0.05		04/06/2017	13:15	LB86736

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB86736 **Level:** LOW **SDG No.:** LB86736
Contract: **Lab Code:** CHEM **Case No.:** LB86736 **SAS No.:** LB86736
Matrix: Solid **Sample ID:** I2537-05 **Client ID:** B1-(0-5)DUP
Percent Solids for Sample: 92.3 **Duplicate ID** I2537-05DUP **Percent Solids for Spike Sample:** 92.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0023	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB86736 **Level:** LOW **SDG No.:** LB86736
Contract: **Lab Code:** CHEM **Case No.:** LB86736 **SAS No.:** LB86736
Matrix: Solid **Sample ID:** I2569-03 **Client ID:** RT3456-275030DUP
Percent Solids for Sample: 85.1 **Duplicate ID** I2569-03DUP **Percent Solids for Spike Sample:** 85.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0047	U			