

Daily Analysis Runlog For Sequence/QC Batch ID # LB93005

Review By		Review On				
SubDirectory		LB93005		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61424,WP61425,WP61426,WP61427,WP61428,WP61429,WP61430				
ICV Standard		WP61432				
CCV Standard		WP6143				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61433,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/30/18 12:44		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/30/18 12:44		OK
3	10PPBCN	10PPBCN	CAL3	01/30/18 12:44		OK
4	50PPBCN	50PPBCN	CAL4	01/30/18 12:44		OK
5	100PPBCN	100PPBCN	CAL5	01/30/18 12:44		OK
6	250PPBCN	250PPBCN	CAL6	01/30/18 12:44		OK
7	500PPBCN	500PPBCN	CAL7	01/30/18 12:44		OK
8	ICV1	ICV1	ICV	01/30/18 13:24		OK
9	ICB1	ICB1	ICB	01/30/18 13:24		OK
10	CCV1	CCV1	CCV	01/30/18 13:25		OK
11	CCB1	CCB1	CCB	01/30/18 13:25		OK
12	PB106184BL	PB106184BL	MB	01/30/18 13:25		OK
13	J1019-14	EO-03-012918-B	SAM	01/30/18 13:32		OK
14	J1359-01	BUS-WASH-ZIPPER	SAM	01/30/18 13:32		OK
15	J1359-02	RECLAIM-TANK	SAM	01/30/18 13:32		OK
16	J1359-03	RECLAIM-SLUDGE-	SAM	01/30/18 13:32		OK
17	J1361-02	OILY-STONE	SAM	01/30/18 13:32		OK
18	J1363-02	RB-01	SAM	01/30/18 13:32		OK
19	J1365-01	SOIL-CUTTINGS	SAM	01/30/18 13:32		OK
20	CCV2	CCV2	CCV	01/30/18 13:32		OK
21	CCB2	CCB2	CCB	01/30/18 13:32		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB93005

Review By		Review On				
SubDirectory		LB93005		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61424,WP61425,WP61426,WP61427,WP61428,WP61429,WP61430				
ICV Standard		WP61432				
CCV Standard		WP6143				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61433,WP59958,WP60878				
22	PB106187BL	PB106187BL	MB	01/30/18 13:32		OK
23	J1365-03	GROUNDWATER	SAM	01/30/18 13:32		OK
24	J1365-03DUP	GROUNDWATERDU	DUP	01/30/18 13:40		OK
25	PB106148BL	PB106148BL	MB	01/30/18 13:40		OK
26	J1338-02	OILY-STONES	SAM	01/30/18 13:40		OK
27	J1340-01	CHASSIS-WASH	SAM	01/30/18 13:40		OK
28	J1340-02	BUS-WASH	SAM	01/30/18 13:40		OK
29	J1341-01	CHASIS-WASH	SAM	01/30/18 13:40		OK
30	CCV3	CCV3	CCV	01/30/18 13:40		OK
31	CCB3	CCB3	CCB	01/30/18 13:40		OK
32	J1341-02	BUS-WASH	SAM	01/30/18 13:40		OK
33	J1345-01	BUS-WASH	SAM	01/30/18 13:46		OK
34	J1345-02	RECLAIMER-TANK	SAM	01/30/18 13:46		OK
35	J1345-03	ZIPPER-DRAIN	SAM	01/30/18 13:46		OK
36	J1019-12	EO-03-012918-A	SAM	01/30/18 14:09		OK
37	J1019-12DUP	EO-03-012918-ADUP	DUP	01/30/18 14:09		OK
38	J1022-11	SU-03-012618	SAM	01/30/18 14:09		OK
39	J1022-11DUP	SU-03-012618DUP	DUP	01/30/18 14:09		OK
40	J1341-03	RECLAIMER-SLUDG	SAM	01/30/18 14:09		OK
41	CCV4	CCV4	CCV	01/30/18 14:09		OK
42	CCB4	CCB4	CCB	01/30/18 14:09		OK
43	J1345-04	FLOOR-DRAIN	SAM	01/30/18 14:31		OK



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB93005

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB93005						
STD. NAME		STD REF.#				
ICAL Standard		WP61424,WP61425,WP61426,WP61427,WP61428,WP61429,WP61430				
ICV Standard		WP61432				
CCV Standard		WP6143				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61433,WP59958,WP60878				
44	J1346-04	FW-1-2	SAM	01/30/18 14:31		OK
45	CCV5	CCV5	CCV	01/30/18 14:31		OK
46	CCB5	CCB5	CCB	01/30/18 14:31		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	EO-03-012918-A	SDG No.:	LB93005
Lab Sample ID:	J1019-12	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	0.00085	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	EO-03-012918-B	SDG No.:	LB93005
Lab Sample ID:	J1019-14	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	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	SU-03-012618	SDG No.:	LB93005
Lab Sample ID:	J1022-11	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	0.0017	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	OILY-STONES	SDG No.:	LB93005
Lab Sample ID:	J1338-02	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	0.0071	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/25/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	CHASSIS-WASH	SDG No.:	LB93005
Lab Sample ID:	J1340-01	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	0.0087	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/25/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	BUS-WASH	SDG No.:	LB93005
Lab Sample ID:	J1340-02	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	0.0038	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	CHASIS-WASH	SDG No.:	LB93005
Lab Sample ID:	J1341-01	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	0.014	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	BUS-WASH	SDG No.:	LB93005
Lab Sample ID:	J1341-02	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	0.0094	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	RECLAIMER-SLUDGE-PIT	SDG No.:	LB93005
Lab Sample ID:	J1341-03	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	0.0013	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	BUS-WASH	SDG No.:	LB93005
Lab Sample ID:	J1345-01	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	0.024	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	RECLAIMER-TANK	SDG No.:	LB93005
Lab Sample ID:	J1345-02	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	0.0059	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	ZIPPER-DRAIN	SDG No.:	LB93005
Lab Sample ID:	J1345-03	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	0.0031	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/24/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	FLOOR-DRAIN	SDG No.:	LB93005
Lab Sample ID:	J1345-04	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	0.0038	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/26/2018 12:00:00 AM
Client Sample ID:	FW-1-2	SDG No.:	LB93005
Lab Sample ID:	J1346-04	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	0.0021	U	1	0.025		0.05	mg/Kg	01/29/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	BUS-WASH-ZIPPER-DRAINS	SDG No.:	LB93005
Lab Sample ID:	J1359-01	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	0.005	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	RECLAIM-TANK	SDG No.:	LB93005
Lab Sample ID:	J1359-02	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	0.0027	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/26/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	RECLAIM-SLUDGE-PIT	SDG No.:	LB93005
Lab Sample ID:	J1359-03	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	0.003	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	OILY-STONE	SDG No.:	LB93005
Lab Sample ID:	J1361-02	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	0.0043	U	1	0.025		0.049	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	RB-01	SDG No.:	LB93005
Lab Sample ID:	J1363-02	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	0.0024	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS	SDG No.:	LB93005
Lab Sample ID:	J1365-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0031	U	1	0.025		0.05	mg/Kg	01/30/2018	01/30/2018	9012B



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	GROUNDWATER	SDG No.:	LB93005
Lab Sample ID:	J1365-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00076	U	1	0.0025		0.005	mg/L	01/30/2018	01/30/2018	9012B



Report of Analysis

Client:		Date Collected:	1/29/2018 12:00:00 AM
Project:	LB93005	Date Received:	1/29/2018 12:00:00 AM
Client Sample ID:	GROUNDWATER	SDG No.:	LB93005
Lab Sample ID:	J1365-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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

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: LB93005

SDG No.: LB93005

Contract: _____ Lab Code: CHEM

Case No.: LB93005

SAS No.: LB93005

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	0.1	0.099	101		85 - 115		01/30/2018	13:24	LB93005



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93005

SDG No.: LB93005

Contract: _____ Lab Code: CHEM

Case No.: LB93005

SAS No.: LB93005

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		01/30/2018	13:25	LB93005
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		01/30/2018	13:32	LB93005
CCV3	Reactive Cyanide	0.25	0.25	100		90 - 110		01/30/2018	13:40	LB93005
CCV4	Reactive Cyanide	0.26	0.25	104		90 - 110		01/30/2018	14:09	LB93005
CCV5	Reactive Cyanide	0.26	0.25	104		90 - 110		01/30/2018	14:31	LB93005



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93005

SDG No.: LB93005

Contract:

Lab Code: CHEM

Case No.: LB93005

SAS No.: LB93005

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00048	+/-0.005	U		0.005		01/30/2018	13:24	LB93005



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93005

SDG No.: LB93005

Contract:

Lab Code: CHEM

Case No.: LB93005

SAS No.: LB93005

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00049	+/-0.005	U		0.005		01/30/2018	13:25	LB93005
CCB2	Reactive Cyanide	0.001	+/-0.005	U		0.005		01/30/2018	13:32	LB93005
CCB3	Reactive Cyanide	0.0016	+/-0.005	U		0.005		01/30/2018	13:40	LB93005
CCB4	Reactive Cyanide	0.00049	+/-0.005	U		0.005		01/30/2018	14:09	LB93005
CCB5	Reactive Cyanide	0.00058	+/-0.005	U		0.005		01/30/2018	14:31	LB93005



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93005

SDG No.: LB93005

Contract: Lab Code: CHEM

Case No.: LB93005

SAS No.: LB93005

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
-----------	---------	----------------	---------------------	--------------	-----	------	---	------------------	------------------	---------------



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB93005

SDG No.: LB93005

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
PB106148BL	Reactive Cyanide	SOLID		Batch Number:		PB106148		Prep Date:	01/29/2018	
		0.0037	<0.05	U		0.05		01/30/2018	13:40	LB93005
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB106184BL	Reactive Cyanide	SOLID		Batch Number:		PB106184		Prep Date:	01/30/2018	
		0.0049	<0.05	U		0.05		01/30/2018	13:25	LB93005
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB106187BL	Reactive Cyanide	WATER		Batch Number:		PB106187		Prep Date:	01/30/2018	
		0.00095	<0.005	U		0.005		01/30/2018	13:32	LB93005

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93005 **Level:** LOW **SDG No.:** LB93005
Contract: **Lab Code:** CHEM **Case No.:** LB93005 **SAS No.:** LB93005
Matrix: Solid **Sample ID:** J1019-12 **Client ID:** EO-03-012918-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J1019-12DUP **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	0.0026	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93005 **Level:** LOW **SDG No.:** LB93005
Contract: **Lab Code:** CHEM **Case No.:** LB93005 **SAS No.:** LB93005
Matrix: Solid **Sample ID:** J1022-11 **Client ID:** SU-03-012618DUP
Percent Solids for Sample: 100 **Duplicate ID** J1022-11DUP **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	0.0034	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93005 **Level:** LOW **SDG No.:** LB93005
Contract: **Lab Code:** CHEM **Case No.:** LB93005 **SAS No.:** LB93005
Matrix: WATER **Sample ID:** J1365-03 **Client ID:** GROUNDWATERDUP
Percent Solids for Sample: 0 **Duplicate ID** J1365-03DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	0.00048	U			