

Daily Analysis Runlog For Sequence/QC Batch ID # LB94564

Review By		Review On				
SubDirectory		LB94564		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63600,WP63601,WP63602,WP63603,WP63604,WP63605,WP63606				
ICV Standard		W1542				
CCV Standard		WP63607				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP63609,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/12/18 09:42		
2	5.0PPBCN	5.0PPBCN	CAL2	04/12/18 09:42		
3	10PPBCN	10PPBCN	CAL3	04/12/18 09:42		
4	50PPBCN	50PPBCN	CAL4	04/12/18 09:42		
5	100PPBCN	100PPBCN	CAL5	04/12/18 09:42		
6	250PPBCN	250PPBCN	CAL6	04/12/18 09:42		
7	500PPBCN	500PPBCN	CAL7	04/12/18 09:42		
8	ICV1	ICV1	ICV	04/12/18 13:24		
9	ICB1	ICB1	ICB	04/12/18 13:24		
10	CCV1	CCV1	CCV	04/12/18 13:24		
11	CCB1	CCB1	CCB	04/12/18 13:24		
12	PB108184BL	PB108184BL	MB	04/12/18 13:24		
13	PB108184BS	PB108184BS	LCS	04/12/18 13:24		
14	LOWPB108184	LOWPB108184	SAM	04/12/18 13:24		
15	HIGHPB108184	HIGHPB108184	SAM	04/12/18 13:24		
16	J2162-01	EO-01-041118-A	SAM	04/12/18 13:24		
17	J2162-01DUP	EO-01-041118-ADUP	DUP	04/12/18 13:24		
18	J2162-01MS	EO-01-041118-AMS	MS	04/12/18 13:24		
19	J2162-01MSD	EO-01-041118-AMSD	MSD	04/12/18 13:31		
20	J2162-03	EO-01-041118-B	SAM	04/12/18 13:31		
21	J2162-05	EO-01-041118-C	SAM	04/12/18 13:31		

Daily Analysis Runlog For Sequence/QC Batch ID # LB94564

Review By		Review On				
SubDirectory		LB94564		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63600,WP63601,WP63602,WP63603,WP63604,WP63605,WP63606				
ICV Standard		W1542				
CCV Standard		WP63607				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP63609,WP59958,WP60878				
22	CCV2	CCV2	CCV	04/12/18 13:31		
23	CCB2	CCB2	CCB	04/12/18 13:31		
24	J2163-01	PL-01-041118-A	SAM	04/12/18 13:31		
25	J2163-03	PL-01-041118-B	SAM	04/12/18 13:31		
26	J2163-05	PL-01-041118-C	SAM	04/12/18 13:31		
27	J2163-07	PL-01-041118-D	SAM	04/12/18 13:32		
28	PB108185BL	PB108185BL	MB	04/12/18 13:32		
29	PB108185BS	PB108185BS	LCS	04/12/18 13:32		
30	J2165-03	SU-03-041118	SAM	04/12/18 13:39		
31	J2165-03DUP	SU-03-041118DUP	DUP	04/12/18 13:39		
32	J2165-03MS	SU-03-041118MS	MS	04/12/18 13:39		
33	J2165-03MSD	SU-03-041118MSD	MSD	04/12/18 13:39		
34	CCV3	CCV3	CCV	04/12/18 13:39		
35	CCB3	CCB3	CCB	04/12/18 13:39		
36	J2335-01	S1	SAM	04/12/18 13:39		
37	J2335-03	S2	SAM	04/12/18 13:39		
38	J2335-05	S3	SAM	04/12/18 13:39		
39	PB108186BL	PB108186BL	MB	04/12/18 13:39		
40	PB108186BS	PB108186BS	LCS	04/12/18 13:39		
41	J2336-01	SL	SAM	04/12/18 13:44		
42	J2336-01DUP	SLDUP	DUP	04/12/18 13:44		
43	J2336-01MS	SLMS	MS	04/12/18 13:44		



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QCBatch ID # LB94564

Review By		Review On				
SubDirectory		LB94564		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63600,WP63601,WP63602,WP63603,WP63604,WP63605,WP63606				
ICV Standard		W1542				
CCV Standard		WP63607				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP63609,WP59958,WP60878				
44	J2336-01MSD	SLMSD	MSD	04/12/18 13:44		
45	CCV4	CCV4	CCV	04/12/18 13:44		
46	CCB4	CCB4	CCB	04/12/18 13:44		



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Report of Analysis

Client:		Date Collected:	
Project:	LB94564	Date Received:	
Client Sample ID:	HIGHPB108184	SDG No.:	LB94564
Lab Sample ID:	HIGHPB108184	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.49		1	0.003		0.005	mg/L		04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	EO-01-041118-A	SDG No.:	LB94564
Lab Sample ID:	J2162-01	Matrix:	Solid
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.47		1	0.038		0.29	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	EO-01-041118-B	SDG No.:	LB94564
Lab Sample ID:	J2162-03	Matrix:	Solid
Level (low/med):	low	% Solid:	85.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.34		1	0.036		0.28	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	EO-01-041118-C	SDG No.:	LB94564
Lab Sample ID:	J2162-05	Matrix:	Solid
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.084	J	1	0.033		0.25	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	PL-01-041118-A	SDG No.:	LB94564
Lab Sample ID:	J2163-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.092	J	1	0.034		0.25	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	PL-01-041118-B	SDG No.:	LB94564
Lab Sample ID:	J2163-03	Matrix:	Solid
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.083	J	1	0.036		0.27	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	PL-01-041118-C	SDG No.:	LB94564
Lab Sample ID:	J2163-05	Matrix:	Solid
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.079	J	1	0.034		0.26	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	PL-01-041118-D	SDG No.:	LB94564
Lab Sample ID:	J2163-07	Matrix:	Solid
Level (low/med):	low	% Solid:	88.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.089	J	1	0.034		0.26	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	SU-03-041118	SDG No.:	LB94564
Lab Sample ID:	J2165-03	Matrix:	Solid
Level (low/med):	low	% Solid:	84.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.14	J	1	0.038		0.29	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	S1	SDG No.:	LB94564
Lab Sample ID:	J2335-01	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.
57-12-5	Cyanide	0.32		1	0.034		0.25	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	S2	SDG No.:	LB94564
Lab Sample ID:	J2335-03	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.14	J	1	0.035		0.27	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	S3	SDG No.:	LB94564
Lab Sample ID:	J2335-05	Matrix:	Solid
Level (low/med):	low	% Solid:	85.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.35		1	0.037		0.28	mg/Kg	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/11/2018 12:00:00 AM
Project:	LB94564	Date Received:	4/11/2018 12:00:00 AM
Client Sample ID:	SL	SDG No.:	LB94564
Lab Sample ID:	J2336-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.011		1	0.003		0.005	mg/L	04/12/2018	04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB94564	Date Received:	
Client Sample ID:	LOWPB108184	SDG No.:	LB94564
Lab Sample ID:	LOWPB108184	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.0097		1	0.003		0.005	mg/L		04/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB94564	Date Received:	
Client Sample ID:	LOWPB108184	SDG No.:	LB94564
Lab Sample ID:	LOWPB108184	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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: LB94564

SDG No.: LB94564

Contract: _____

Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

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	Cyanide	0.098	0.099	99		85 - 115		04/12/2018	13:24	lb94564



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94564

SDG No.: LB94564

Contract: _____ Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

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	Cyanide	0.25	0.25	100		90 - 110		04/12/2018	13:24	lb94564
CCV2	Cyanide	0.25	0.25	100		90 - 110		04/12/2018	13:31	lb94564
CCV3	Cyanide	0.25	0.25	100		90 - 110		04/12/2018	13:39	lb94564
CCV4	Cyanide	0.26	0.25	104		90 - 110		04/12/2018	13:44	lb94564



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94564 **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.0014	+/-0.005	U		0.005		04/12/2018	13:24	lb94564



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94564

SDG No.: LB94564

Contract:

Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.0013	+/-0.005	U		0.005		04/12/2018	13:24	1b94564
CCB2	Cyanide	0.0015	+/-0.005	U		0.005		04/12/2018	13:31	1b94564
CCB3	Cyanide	0.0011	+/-0.005	U		0.005		04/12/2018	13:39	1b94564
CCB4	Cyanide	0.00099	+/-0.005	U		0.005		04/12/2018	13:44	1b94564



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94564

SDG No.: LB94564

Contract: Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

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: LB94564

SDG No.: LB94564

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
PB108184BL	Cyanide	SOLID		Batch Number:		PB108184		Prep Date:	04/12/2018	
		0.043	<0.25	J		0.25		04/12/2018	13:24	lb94564
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB108185BL	Cyanide	SOLID		Batch Number:		PB108185		Prep Date:	04/12/2018	
		0.069	<0.25	J		0.25		04/12/2018	13:32	lb94564
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB108186BL	Cyanide	WATER		Batch Number:		PB108186		Prep Date:	04/12/2018	
		0.0011	<0.005	U		0.005		04/12/2018	13:39	lb94564



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: Solid sample id: J2162-01 client id: EO-01-041118-AMS
Percent Solids for Sample: 85.6 Spiked ID: J2162-01MS Percent Solids for Spike Sample: 85.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.3		0.47		2.2	83		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: Solid sample id: J2162-01 client id: EO-01-041118-AMSD
Percent Solids for Sample: 85.6 Spiked ID: J2162-01MSD Percent Solids for Spike Sample: 85.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.4		0.47		2.3	84		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: Solid sample id: J2165-03 client id: SU-03-041118MS
Percent Solids for Sample: 84.3 Spiked ID: J2165-03MS Percent Solids for Spike Sample: 84.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.3		0.14	J	2.3	94		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: Solid sample id: J2165-03 client id: SU-03-041118MSD
Percent Solids for Sample: 84.3 Spiked ID: J2165-03MSD Percent Solids for Spike Sample: 84.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.2		0.14	J	2.2	94		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: WATER sample id: J2336-01 client id: SLMS
Percent Solids for Sample: 0 Spiked ID: J2336-01MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.046		0.011		0.04	88		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94564 level: low sdg no.: LB94564
contract: lab code: CHEM case no.: LB94564 sas no.: LB94564
matrix: WATER sample id: J2336-01 client id: SLMSD
Percent Solids for Sample: 0 Spiked ID: J2336-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/L	75 - 125	0.045		0.011		0.04	85		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94564 **Level:** LOW **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564
Matrix: Solid **Sample ID:** J2162-01 **Client ID:** EO-01-041118-ADUP
Percent Solids for Sample: 85.6 **Duplicate ID** J2162-01DUP **Percent Solids for Spike Sample:** 85.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.47		0.46		2		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94564 **Level:** LOW **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564
Matrix: Solid **Sample ID:** J2162-01MS **Client ID:** EO-01-041118-AMSD
Percent Solids for Sample: 85.6 **Duplicate ID** J2162-01MSD **Percent Solids for Spike Sample:** 85.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.3		2.4		4		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB94564 **Level:** LOW **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564
Matrix: Solid **Sample ID:** J2165-03 **Client ID:** SU-03-041118DUP
Percent Solids for Sample: 84.3 **Duplicate ID** J2165-03DUP **Percent Solids for Spike Sample:** 84.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.14	J	0.11	J	24	*	

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB94564 **Level:** LOW **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564
Matrix: Solid **Sample ID:** J2165-03MS **Client ID:** SU-03-041118MSD
Percent Solids for Sample: 84.3 **Duplicate ID** J2165-03MSD **Percent Solids for Spike Sample:** 84.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.3		2.2		4		



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DUPLICATE SAMPLE SUMMARY

Client: LB94564 Level: LOW SDG No.: LB94564
Contract: Lab Code: CHEM Case No.: LB94564 SAS No.: LB94564
Matrix: WATER Sample ID: J2336-01 Client ID: SLDUP
Percent Solids for Sample: 0 Duplicate ID J2336-01DUP Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.011		0.011		0		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB94564 **Level:** LOW **SDG No.:** LB94564
Contract: **Lab Code:** CHEM **Case No.:** LB94564 **SAS No.:** LB94564
Matrix: WATER **Sample ID:** J2336-01MS **Client ID:** SLMSD
Percent Solids for Sample: 0 **Duplicate ID** J2336-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.046		0.045		2		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94564

SDG No.: LB94564

Contract:

Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108184BS Cyanide	mg/Kg	5	4.8		96	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94564

SDG No.: LB94564

Contract:

Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108185BS Cyanide	mg/Kg	4.9	4.8		98	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94564

SDG No.: LB94564

Contract:

Lab Code: CHEM

Case No.: LB94564

SAS No.: LB94564

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108186BS Cyanide	mg/L	0.1	0.096		96	85 - 115	