

Daily Analysis Runlog For Sequence/QC Batch ID # LB93488

Review By

Review On

SubDirectory

LB93488

Test :

Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP62234,WP62235,WP62236,WP62237,WP62238,WP62239,WP62240				
ICV Standard		W1542				
CCV Standard		WP62241				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP62243,WP59958,WP60878				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/23/18 12:29		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/23/18 12:29		OK
3	10PPBCN	10PPBCN	CAL3	02/23/18 12:29		OK
4	50PPBCN	50PPBCN	CAL4	02/23/18 12:29		OK
5	100PPBCN	100PPBCN	CAL5	02/23/18 12:29		OK
6	250PPBCN	250PPBCN	CAL6	02/23/18 12:29		OK
7	500PPBCN	500PPBCN	CAL7	02/23/18 12:29		OK
8	ICV1	ICV1	ICV	02/23/18 14:27		OK
9	ICB1	ICB1	ICB	02/23/18 14:27		OK
10	CCV1	CCV1	CCV	02/23/18 14:27		OK
11	CCB1	CCB1	CCB	02/23/18 14:27		OK
12	PB106777BL	PB106777BL	MB	02/23/18 14:27		OK
13	PB106777BS	PB106777BS	LCS	02/23/18 14:27		OK
14	LOWPB106777	LOWPB106777	SAM	02/23/18 14:27		OK
15	HIGHPB106777	HIGHPB106777	SAM	02/23/18 14:27		OK
16	J1652-01	RT-4651	SAM	02/23/18 14:27		OK
17	J1652-01DUP	RT-4651DUP	DUP	02/23/18 14:27		OK
18	J1652-01MS	RT-4651MS	MS	02/23/18 14:27		OK
19	J1652-01MSD	RT-4651MSD	MSD	02/23/18 14:35		OK
20	J1652-04	RT-2898	SAM	02/23/18 14:35		OK
21	J1652-07	RT-4248	SAM	02/23/18 14:35		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB93488

Review By		Review On				
SubDirectory		LB93488		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP62234,WP62235,WP62236,WP62237,WP62238,WP62239,WP62240				
ICV Standard		W1542				
CCV Standard		WP62241				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP62243,WP59958,WP60878				
22	CCV2	CCV2	CCV	02/23/18 14:35		OK
23	CCB2	CCB2	CCB	02/23/18 14:35		OK
24	J1652-10	RT-3026	SAM	02/23/18 14:35		OK
25	J1660-01	RT-4632	SAM	02/23/18 14:35		OK
26	J1660-06	RT-1488	SAM	02/23/18 14:35		OK
27	J1660-11	RT-3025	SAM	02/23/18 14:35		OK
28	J1660-16	RT-2342	SAM	02/23/18 14:35		OK
29	PB106800BL	PB106800BL	MB	02/23/18 14:35		OK
30	PB106800BS	PB106800BS	LCS	02/23/18 14:42		OK
31	J1642-01	MW-9	SAM	02/23/18 14:42		OK
32	J1642-01DUP	MW-9DUP	DUP	02/23/18 14:42		OK
33	J1642-01MS	MW-9MS	MS	02/23/18 14:42		OK
34	CCV3	CCV3	CCV	02/23/18 14:42		OK
35	CCB3	CCB3	CCB	02/23/18 14:42		OK
36	J1642-01MSD	MW-9MSD	MSD	02/23/18 14:42		OK
37	J1642-02	FB022118	SAM	02/23/18 14:42		OK
38	PB106799BL	PB106799BL	MB	02/23/18 14:42		OK
39	PB106799BS	PB106799BS	LCS	02/23/18 14:42		OK
40	J1398-05	OK-01-022218	SAM	02/23/18 14:42		OK
41	J1398-05DUP	OK-01-022218DUP	DUP	02/23/18 14:48		OK
42	J1398-05MS	OK-01-022218MS	MS	02/23/18 14:48		OK
43	J1398-05MSD	OK-01-022218MSD	MSD	02/23/18 14:48		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 # LB93488

Review By		Review On				
SubDirectory		Test : Cyanide				
LB93488						
STD. NAME		STD REF.#				
ICAL Standard		WP62234,WP62235,WP62236,WP62237,WP62238,WP62239,WP62240				
ICV Standard		W1542				
CCV Standard		WP62241				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP62243,WP59958,WP60878				
44	J1648-01	RO-124031-RO1240	SAM	02/23/18 14:48		OK
45	J1654-01	REID-TOPSOIL	SAM	02/23/18 14:48		OK
46	CCV4	CCV4	CCV	02/23/18 14:48		OK
47	CCB4	CCB4	CCB	02/23/18 14:48		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB93488	Date Received:	
Client Sample ID:	HIGHPB106777	SDG No.:	LB93488
Lab Sample ID:	HIGHPB106777	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	0.5		1	0.003		0.005	mg/L		02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	OK-01-022218	SDG No.:	LB93488
Lab Sample ID:	J1398-05	Matrix:	Solid
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.2	J	1	0.036		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/21/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/21/2018 12:00:00 AM
Client Sample ID:	MW-9	SDG No.:	LB93488
Lab Sample ID:	J1642-01	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	0.0099		1	0.003		0.005	mg/L	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/21/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/21/2018 12:00:00 AM
Client Sample ID:	FB022118	SDG No.:	LB93488
Lab Sample ID:	J1642-02	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	0.0016	U	1	0.003		0.005	mg/L	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RO-124031-RO124035	SDG No.:	LB93488
Lab Sample ID:	J1648-01	Matrix:	Solid
Level (low/med):	low	% Solid:	88.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.25	J	1	0.037		0.28	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-4651	SDG No.:	LB93488
Lab Sample ID:	J1652-01	Matrix:	Solid
Level (low/med):	low	% Solid:	91.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.12	J	1	0.035		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-2898	SDG No.:	LB93488
Lab Sample ID:	J1652-04	Matrix:	Solid
Level (low/med):	low	% Solid:	95.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.34		1	0.034		0.26	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-4248	SDG No.:	LB93488
Lab Sample ID:	J1652-07	Matrix:	Solid
Level (low/med):	low	% Solid:	92.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.21	J	1	0.035		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-3026	SDG No.:	LB93488
Lab Sample ID:	J1652-10	Matrix:	Solid
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.15	J	1	0.036		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	REID-TOPSOIL	SDG No.:	LB93488
Lab Sample ID:	J1654-01	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	0.32		1	0.037		0.28	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-4632	SDG No.:	LB93488
Lab Sample ID:	J1660-01	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.
57-12-5	Cyanide	0.18	J	1	0.036		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-1488	SDG No.:	LB93488
Lab Sample ID:	J1660-06	Matrix:	Solid
Level (low/med):	low	% Solid:	73.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.2	J	1	0.045		0.34	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-3025	SDG No.:	LB93488
Lab Sample ID:	J1660-11	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	0.15	J	1	0.035		0.27	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/22/2018 12:00:00 AM
Project:	LB93488	Date Received:	2/22/2018 12:00:00 AM
Client Sample ID:	RT-2342	SDG No.:	LB93488
Lab Sample ID:	J1660-16	Matrix:	Solid
Level (low/med):	low	% Solid:	87

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.15	J	1	0.037		0.28	mg/Kg	02/23/2018	02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB93488	Date Received:	
Client Sample ID:	LOWPB106777	SDG No.:	LB93488
Lab Sample ID:	LOWPB106777	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		02/23/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB93488	Date Received:	
Client Sample ID:	LOWPB106777	SDG No.:	LB93488
Lab Sample ID:	LOWPB106777	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: LB93488

SDG No.: LB93488

Contract: _____ Lab Code: CHEM

Case No.: LB93488

SAS No.: LB93488

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	0.24	0.25	96		90 - 110		02/23/2018	14:27	LB93488
CCV2	Cyanide	0.24	0.25	96		90 - 110		02/23/2018	14:35	LB93488
CCV3	Cyanide	0.24	0.25	96		90 - 110		02/23/2018	14:42	LB93488
CCV4	Cyanide	0.25	0.25	100		90 - 110		02/23/2018	14:48	LB93488



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93488 **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.0013	+/-0.005	U		0.005		02/23/2018	14:27	LB93488

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		02/23/2018	14:27	LB93488
CCB2	Cyanide	0.0018	+/-0.005	U		0.005		02/23/2018	14:35	LB93488
CCB3	Cyanide	0.0016	+/-0.005	U		0.005		02/23/2018	14:42	LB93488
CCB4	Cyanide	0.0015	+/-0.005	U		0.005		02/23/2018	14:48	LB93488



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93488

SDG No.: LB93488

Contract: Lab Code: CHEM

Case No.: LB93488

SAS No.: LB93488

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: LB93488

SDG No.: LB93488

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
PB106777BL	Cyanide	SOLID		Batch Number:		PB106777		Prep Date:	02/23/2018	
		0.063	<0.25	J		0.25		02/23/2018	14:27	LB93488
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB106799BL	Cyanide	SOLID		Batch Number:		PB106799		Prep Date:	02/23/2018	
		0.062	<0.25	J		0.25		02/23/2018	14:42	LB93488
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB106800BL	Cyanide	WATER		Batch Number:		PB106800		Prep Date:	02/23/2018	
		0.0012	<0.005	U		0.005		02/23/2018	14:35	LB93488



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: Solid sample id: J1398-05 client id: OK-01-022218MS
Percent Solids for Sample: 89.8 Spiked ID: J1398-05MS Percent Solids for Spike Sample: 89.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.2		0.2	J	2.2	91		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: Solid sample id: J1398-05 client id: OK-01-022218MSD
Percent Solids for Sample: 89.8 Spiked ID: J1398-05MSD Percent Solids for Spike Sample: 89.8

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.1		0.2	J	2.2	86		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: WATER sample id: J1642-01 client id: MW-9MS
Percent Solids for Sample: 0 Spiked ID: J1642-01MS 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	0.01		0.0099		0.04	0	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: WATER sample id: J1642-01 client id: MW-9MSD
Percent Solids for Sample: 0 Spiked ID: J1642-01MSD 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	0.01		0.0099		0.04	0	*	



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: Solid sample id: J1652-01 client id: RT-4651MS
Percent Solids for Sample: 91.2 Spiked ID: J1652-01MS Percent Solids for Spike Sample: 91.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2		0.12	J	2.2	85		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93488 level: low sdg no.: LB93488
contract: lab code: CHEM case no.: LB93488 sas no.: LB93488
matrix: Solid sample id: J1652-01 client id: RT-4651MSD
Percent Solids for Sample: 91.2 Spiked ID: J1652-01MSD Percent Solids for Spike Sample: 91.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125		2	0.12	J	2.1	90		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: Solid **Sample ID:** J1398-05 **Client ID:** OK-01-022218DUP
Percent Solids for Sample: 89.8 **Duplicate ID** J1398-05DUP **Percent Solids for Spike Sample:** 89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.2	J	0.18	J	11		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: Solid **Sample ID:** J1398-05MS **Client ID:** OK-01-022218MSD
Percent Solids for Sample: 89.8 **Duplicate ID** J1398-05MSD **Percent Solids for Spike Sample:** 89.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.2		2.1		5		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: WATER **Sample ID:** J1642-01 **Client ID:** MW-9DUP
Percent Solids for Sample: 0 **Duplicate ID** J1642-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.0099		0.0099		0		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: WATER **Sample ID:** J1642-01MS **Client ID:** MW-9MSD
Percent Solids for Sample: 0 **Duplicate ID** J1642-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.01		0.01		0		

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DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: Solid **Sample ID:** J1652-01 **Client ID:** RT-4651DUP
Percent Solids for Sample: 91.2 **Duplicate ID** J1652-01DUP **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.12	J	0.098	J	20		

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DUPLICATE SAMPLE SUMMARY

Client: LB93488 **Level:** LOW **SDG No.:** LB93488
Contract: **Lab Code:** CHEM **Case No.:** LB93488 **SAS No.:** LB93488
Matrix: Solid **Sample ID:** J1652-01MS **Client ID:** RT-4651MSD
Percent Solids for Sample: 91.2 **Duplicate ID** J1652-01MSD **Percent Solids for Spike Sample:** 91.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2		2		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93488

SDG No.: LB93488

Contract:

Lab Code: CHEM

Case No.: LB93488

SAS No.: LB93488

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106777BS Cyanide	mg/Kg	4.9	4.8		98	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93488

SDG No.: LB93488

Contract:

Lab Code: CHEM

Case No.: LB93488

SAS No.: LB93488

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106800BS Cyanide	mg/L	0.1	0.097		97	85 - 115	