

Daily Analysis Runlog For Sequence/QC Batch ID # LB95593

Review By		Review On				
SubDirectory		LB95593		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64754,WP64755,WP64756,WP64757,WP64758,WP64759,WP64760				
ICV Standard		W1542				
CCV Standard		WP64761				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64763,WP64695,WP64696				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/24/18 08:05		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/24/18 08:05		OK
3	10PPBCN	10PPBCN	CAL3	05/24/18 08:05		OK
4	50PPBCN	50PPBCN	CAL4	05/24/18 08:05		OK
5	100PPBCN	100PPBCN	CAL5	05/24/18 08:05		OK
6	250PPBCN	250PPBCN	CAL6	05/24/18 08:05		OK
7	500PPBCN	500PPBCN	CAL7	05/24/18 08:05		OK
8	ICV1	ICV1	ICV	05/24/18 12:38		OK
9	ICB1	ICB1	ICB	05/24/18 12:38		OK
10	CCV1	CCV1	CCV	05/24/18 12:38		OK
11	CCB1	CCB1	CCB	05/24/18 12:38		OK
12	PB109635BL	PB109635BL	MB	05/24/18 12:38		OK
13	PB109635BS	PB109635BS	LCS	05/24/18 12:38		OK
14	LOWPB109635	LOWPB109635	SAM	05/24/18 12:38		OK
15	HIGHPB109635	HIGHPB109635	SAM	05/24/18 12:38		OK
16	J3096-01	FORT-1-E(0-1)	SAM	05/24/18 12:38		OK
17	J3096-01DUP	FORT-1-E(0-1)DUP	DUP	05/24/18 12:38		OK
18	J3096-01MS	FORT-1-E(0-1)MS	MS	05/24/18 12:38		OK
19	J3096-01MSD	FORT-1-E(0-1)MSD	MSD	05/24/18 12:46		OK
20	J3096-02	FORT-1-E(4-5)	SAM	05/24/18 12:46		OK
21	J3096-03	FORT-1-E(7-8)	SAM	05/24/18 12:46		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB95593

Review By		Review On				
SubDirectory		LB95593		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64754,WP64755,WP64756,WP64757,WP64758,WP64759,WP64760				
ICV Standard		W1542				
CCV Standard		WP64761				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64763,WP64695,WP64696				
22	CCV2	CCV2	CCV	05/24/18 12:46		OK
23	CCB2	CCB2	CCB	05/24/18 12:46		OK
24	J3099-01	200028	SAM	05/24/18 12:46		OK
25	J3099-04	200027	SAM	05/24/18 12:46		OK
26	J3104-01	SP-A	SAM	05/24/18 12:46		OK
27	J3104-03	SP-B	SAM	05/24/18 12:46		OK
28	PB109634BL	PB109634BL	MB	05/24/18 12:46		OK
29	PB109634BS	PB109634BS	LCS	05/24/18 12:46		OK
30	J2670-05	TR-04-052318	SAM	05/24/18 12:53		OK
31	J2670-05DUP	TR-04-052318DUP	DUP	05/24/18 12:53		OK
32	J2670-05MS	TR-04-052318MS	MS	05/24/18 12:53		OK
33	J2670-05MSD	TR-04-052318MSD	MSD	05/24/18 12:53		OK
34	CCV3	CCV3	CCV	05/24/18 12:53		OK
35	CCB3	CCB3	CCB	05/24/18 12:53		OK
36	J2672-07	BU-02-052318	SAM	05/24/18 12:53		OK
37	J2678-03	OR-03-052318	SAM	05/24/18 12:53		OK
38	J3084-01	RO-4-1-A	SAM	05/24/18 12:53		OK
39	J3084-05	RO-4-1-B	SAM	05/24/18 12:53		OK
40	J3084-09	RO-4-1-C	SAM	05/24/18 12:53		OK
41	J3086-01	72-12013	SAM	05/24/18 12:59		OK
42	J3094-01	HS-RO-7212003	SAM	05/24/18 12:59		OK
43	J3095-01	TP-3-WC-4	SAM	05/24/18 12:59		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 # LB95593

Review By		Review On				
SubDirectory		Test : Cyanide				
LB95593						
STD. NAME		STD REF.#				
ICAL Standard		WP64754,WP64755,WP64756,WP64757,WP64758,WP64759,WP64760				
ICV Standard		W1542				
CCV Standard		WP64761				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64763,WP64695,WP64696				
44	J3101-01	FK-PS-01-027	SAM	05/24/18 12:59		OK
45	CCV4	CCV4	CCV	05/24/18 12:59		OK
46	CCB4	CCB4	CCB	05/24/18 12:59		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB95593	Date Received:	
Client Sample ID:	HIGHPB109635	SDG No.:	LB95593
Lab Sample ID:	HIGHPB109635	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	0.48		1	0.003		0.005	mg/L		05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	TR-04-052318	SDG No.:	LB95593
Lab Sample ID:	J2670-05	Matrix:	Solid
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.044	J	1	0.037		0.28	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	BU-02-052318	SDG No.:	LB95593
Lab Sample ID:	J2672-07	Matrix:	Solid
Level (low/med):	low	% Solid:	88.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.034	U	1	0.036		0.27	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	OR-03-052318	SDG No.:	LB95593
Lab Sample ID:	J2678-03	Matrix:	Solid
Level (low/med):	low	% Solid:	87.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.033	U	1	0.036		0.27	mg/Kg	05/24/2018	05/24/2018	9012B

Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	RO-4-1-A	SDG No.:	LB95593
Lab Sample ID:	J3084-01	Matrix:	Solid
Level (low/med):	low	% Solid:	43.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.73		1	0.071		0.54	mg/Kg	05/24/2018	05/24/2018	9012B

Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	RO-4-1-B	SDG No.:	LB95593
Lab Sample ID:	J3084-05	Matrix:	Solid
Level (low/med):	low	% Solid:	74

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.19	J	1	0.043		0.32	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	RO-4-1-C	SDG No.:	LB95593
Lab Sample ID:	J3084-09	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	0.17	J	1	0.037		0.28	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	72-12013	SDG No.:	LB95593
Lab Sample ID:	J3086-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.12	J	1	0.038		0.29	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	HS-RO-7212003	SDG No.:	LB95593
Lab Sample ID:	J3094-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.036	U	1	0.038		0.29	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	TP-3-WC-4	SDG No.:	LB95593
Lab Sample ID:	J3095-01	Matrix:	Solid
Level (low/med):	low	% Solid:	80.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.06	J	1	0.039		0.29	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	FORT-1-E(0-1)	SDG No.:	LB95593
Lab Sample ID:	J3096-01	Matrix:	Solid
Level (low/med):	low	% Solid:	87.4

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	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	FORT-1-E(4-5)	SDG No.:	LB95593
Lab Sample ID:	J3096-02	Matrix:	Solid
Level (low/med):	low	% Solid:	88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.052	J	1	0.035		0.27	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/22/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	FORT-1-E(7-8)	SDG No.:	LB95593
Lab Sample ID:	J3096-03	Matrix:	Solid
Level (low/med):	low	% Solid:	90.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.078	J	1	0.034		0.26	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	200028	SDG No.:	LB95593
Lab Sample ID:	J3099-01	Matrix:	Solid
Level (low/med):	low	% Solid:	95

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.046	J	1	0.033		0.25	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	200027	SDG No.:	LB95593
Lab Sample ID:	J3099-04	Matrix:	Solid
Level (low/med):	low	% Solid:	95.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.086	J	1	0.033		0.25	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	FK-PS-01-027	SDG No.:	LB95593
Lab Sample ID:	J3101-01	Matrix:	Solid
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.091	J	1	0.033		0.25	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	SP-A	SDG No.:	LB95593
Lab Sample ID:	J3104-01	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	0.073	J	1	0.035		0.27	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/23/2018 12:00:00 AM
Project:	LB95593	Date Received:	5/23/2018 12:00:00 AM
Client Sample ID:	SP-B	SDG No.:	LB95593
Lab Sample ID:	J3104-03	Matrix:	Solid
Level (low/med):	low	% Solid:	89.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.042	J	1	0.034		0.26	mg/Kg	05/24/2018	05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95593	Date Received:	
Client Sample ID:	LOWPB109635	SDG No.:	LB95593
Lab Sample ID:	LOWPB109635	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		05/24/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95593	Date Received:	
Client Sample ID:	LOWPB109635	SDG No.:	LB95593
Lab Sample ID:	LOWPB109635	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: LB95593

SDG No.: LB95593

Contract: _____ Lab Code: CHEM

Case No.: LB95593

SAS No.: LB95593

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		05/24/2018	12:38	lb95593
CCV2	Cyanide	0.24	0.25	96		90 - 110		05/24/2018	12:46	lb95593
CCV3	Cyanide	0.24	0.25	96		90 - 110		05/24/2018	12:53	lb95593
CCV4	Cyanide	0.25	0.25	100		90 - 110		05/24/2018	12:59	lb95593



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95593

SDG No.: LB95593

Contract:

Lab Code: CHEM

Case No.: LB95593

SAS No.: LB95593

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00088	+/-0.005	U		0.005		05/24/2018	12:38	lb95593

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.0006	+/-0.005	U		0.005		05/24/2018	12:38	lb95593
CCB2	Cyanide	0.00054	+/-0.005	U		0.005		05/24/2018	12:46	lb95593
CCB3	Cyanide	0.00068	+/-0.005	U		0.005		05/24/2018	12:53	lb95593
CCB4	Cyanide	0.00044	+/-0.005	U		0.005		05/24/2018	12:59	lb95593



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95593

SDG No.: LB95593

Contract: Lab Code: CHEM

Case No.: LB95593

SAS No.: LB95593

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: LB95593

SDG No.: LB95593

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
PB109634BL	Cyanide	SOLID		Batch Number:		PB109634		Prep Date:	05/24/2018	
		0.032	<0.25	J		0.25		05/24/2018	12:46	lb95593
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB109635BL	Cyanide	SOLID		Batch Number:		PB109635		Prep Date:	05/24/2018	
		0.02	<0.24	U		0.24		05/24/2018	12:38	lb95593



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95593 level: low sdg no.: LB95593
contract: lab code: CHEM case no.: LB95593 sas no.: LB95593
matrix: Solid sample id: J2670-05 client id: TR-04-052318MS
Percent Solids for Sample: 86.3 Spiked ID: J2670-05MS Percent Solids for Spike Sample: 86.3

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.3		0.044	J	2.3	98		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95593 level: low sdg no.: LB95593
contract: lab code: CHEM case no.: LB95593 sas no.: LB95593
matrix: Solid sample id: J2670-05 client id: TR-04-052318MSD
Percent Solids for Sample: 86.3 Spiked ID: J2670-05MSD Percent Solids for Spike Sample: 86.3

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2.3		0.044	J	2.2	103		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95593 level: low sdg no.: LB95593
contract: lab code: CHEM case no.: LB95593 sas no.: LB95593
matrix: Solid sample id: J3096-01 client id: FORT-1-E(0-1)MS
Percent Solids for Sample: 87.4 Spiked ID: J3096-01MS Percent Solids for Spike Sample: 87.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.083	J	2.2	83		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95593 level: low sdg no.: LB95593
contract: lab code: CHEM case no.: LB95593 sas no.: LB95593
matrix: Solid sample id: J3096-01 client id: FORT-1-E(0-1)MSD
Percent Solids for Sample: 87.4 Spiked ID: J3096-01MSD Percent Solids for Spike Sample: 87.4

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.083	J	2.2	83		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95593 **Level:** LOW **SDG No.:** LB95593
Contract: **Lab Code:** CHEM **Case No.:** LB95593 **SAS No.:** LB95593
Matrix: Solid **Sample ID:** J2670-05 **Client ID:** TR-04-052318DUP
Percent Solids for Sample: 86.3 **Duplicate ID** J2670-05DUP **Percent Solids for Spike Sample:** 86.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.044	J	0.068	J	43	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB95593 **Level:** LOW **SDG No.:** LB95593
Contract: **Lab Code:** CHEM **Case No.:** LB95593 **SAS No.:** LB95593
Matrix: Solid **Sample ID:** J2670-05MS **Client ID:** TR-04-052318MSD
Percent Solids for Sample: 86.3 **Duplicate ID** J2670-05MSD **Percent Solids for Spike Sample:** 86.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2.3		2.3		0		

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DUPLICATE SAMPLE SUMMARY

Client: LB95593 **Level:** LOW **SDG No.:** LB95593
Contract: **Lab Code:** CHEM **Case No.:** LB95593 **SAS No.:** LB95593
Matrix: Solid **Sample ID:** J3096-01 **Client ID:** FORT-1-E(0-1)DUP
Percent Solids for Sample: 87.4 **Duplicate ID** J3096-01DUP **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.083	J	0.073	J	13		

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DUPLICATE SAMPLE SUMMARY

Client: LB95593 **Level:** LOW **SDG No.:** LB95593
Contract: **Lab Code:** CHEM **Case No.:** LB95593 **SAS No.:** LB95593
Matrix: Solid **Sample ID:** J3096-01MS **Client ID:** FORT-1-E(0-1)MSD
Percent Solids for Sample: 87.4 **Duplicate ID** J3096-01MSD **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	1.9		1.9		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95593

SDG No.: LB95593

Contract:

Lab Code: CHEM

Case No.: LB95593

SAS No.: LB95593

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109634BS Cyanide	mg/Kg	5	4.8		96	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95593

SDG No.: LB95593

Contract:

Lab Code: CHEM

Case No.: LB95593

SAS No.: LB95593

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109635BS Cyanide	mg/Kg	4.9	4.7		95.9	85 - 115	