

Daily Analysis Runlog For Sequence/QC Batch ID # LB95946

Review By		Review On				
SubDirectory		LB95946		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP65208,WP65209,WP65210,WP65211,WP65212,WP65213,WP65214
ICV Standard	W1542
CCV Standard	WP65215
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP62802
Chk Standard	WP65217,WP64695,WP64696

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/12/18 08:13		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/12/18 08:13		OK
3	10PPBCN	10PPBCN	CAL3	06/12/18 08:13		OK
4	50PPBCN	50PPBCN	CAL4	06/12/18 08:13		OK
5	100PPBCN	100PPBCN	CAL5	06/12/18 08:13		OK
6	250PPBCN	250PPBCN	CAL6	06/12/18 08:13		OK
7	500PPBCN	500PPBCN	CAL7	06/12/18 08:13		OK
8	ICV1	ICV1	ICV	06/12/18 10:09		OK
9	ICB1	ICB1	ICB	06/12/18 10:09		OK
10	CCV1	CCV1	CCV	06/12/18 10:09		OK
11	CCB1	CCB1	CCB	06/12/18 10:09		OK
12	PB110120BL	PB110120BL	MB	06/12/18 10:09		OK
13	PB110120BS	PB110120BS	LCS	06/12/18 10:09		OK
14	LOWPB110120	LOWPB110120	SAM	06/12/18 10:09		OK
15	HIGHPB110120	HIGHPB110120	SAM	06/12/18 10:09		OK
16	J2932-03	TP-A-S	SAM	06/12/18 10:09		OK
17	J2932-03MS	TP-A-SMS	MS	06/12/18 10:09		OK
18	J2932-03MSD	TP-A-SMSD	MSD	06/12/18 10:09		OK
19	J2932-07	TP-D-DB-1-2	SAM	06/12/18 10:16		OK
20	J3248-01	EO-02-060818-A	SAM	06/12/18 10:16		OK
21	CCV2	CCV2	CCV	06/12/18 10:16		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB95946

Review By		Review On				
SubDirectory		LB95946		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP65208,WP65209,WP65210,WP65211,WP65212,WP65213,WP65214				
ICV Standard		W1542				
CCV Standard		WP65215				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65217,WP64695,WP64696				
22	CCB2	CCB2	CCB	06/12/18 10:16		OK
23	J3248-03	EO-02-060818-B	SAM	06/12/18 10:16		OK
24	J3419-01	WJ-OLDCASTLE-20	SAM	06/12/18 10:16		OK
25	J3423-04	CAS1-SB-04-05-06-1	SAM	06/12/18 10:16		OK
26	PB110141BL	PB110141BL	MB	06/12/18 10:16		OK
27	PB110141BS	PB110141BS	LCS	06/12/18 10:16		OK
28	J3372-01	SB-29COMP	SAM	06/12/18 10:16		OK
29	J3372-01DUP	SB-29COMPDUP	DUP	06/12/18 10:24		OK
30	J3372-01MS	SB-29COMPMS	MS	06/12/18 10:24		OK
31	J3372-01MSD	SB-29COMPMSD	MSD	06/12/18 10:24		OK
32	CCV3	CCV3	CCV	06/12/18 10:24		OK
33	CCB3	CCB3	CCB	06/12/18 10:24		OK
34	J3372-02	SB-30COMP	SAM	06/12/18 10:24		OK
35	J3372-03	SB-31COMP	SAM	06/12/18 10:24		OK
36	J3415-01	SB-32COMP	SAM	06/12/18 10:24		OK
37	J3415-02	SB-33COMP	SAM	06/12/18 10:24		OK
38	J3415-03	SB-34COMP	SAM	06/12/18 10:24		OK
39	J3415-04	SB-35COMP	SAM	06/12/18 10:24		OK
40	J2932-03DUP	TP-A-SDUP	DUP	06/12/18 10:31		OK
41	J3415-05	SB-36COMP	SAM	06/12/18 10:31		OK
42	J3415-06	SB-37COMP	SAM	06/12/18 10:31		OK
43	J3248-05	EO-02-060818-C	SAM	06/12/18 10:57		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 # LB95946

Review By		Review On				
SubDirectory		Test : Cyanide				
LB95946						
STD. NAME		STD REF.#				
ICAL Standard		WP65208,WP65209,WP65210,WP65211,WP65212,WP65213,WP65214				
ICV Standard		W1542				
CCV Standard		WP65215				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65217,WP64695,WP64696				
44	CCV4	CCV4	CCV	06/12/18 10:57		OK
45	CCB4	CCB4	CCB	06/12/18 10:57		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB95946	Date Received:	
Client Sample ID:	HIGHPB110120	SDG No.:	LB95946
Lab Sample ID:	HIGHPB110120	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		06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	TP-A-S	SDG No.:	LB95946
Lab Sample ID:	J2932-03	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	0.08	J	1	0.036		0.27	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	TP-D-DB-1-2	SDG No.:	LB95946
Lab Sample ID:	J2932-07	Matrix:	Solid
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.18	J	1	0.034		0.26	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	EO-02-060818-A	SDG No.:	LB95946
Lab Sample ID:	J3248-01	Matrix:	Solid
Level (low/med):	low	% Solid:	83.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.2	J	1	0.038		0.29	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	EO-02-060818-B	SDG No.:	LB95946
Lab Sample ID:	J3248-03	Matrix:	Solid
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.017	U	1	0.035		0.26	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	EO-02-060818-C	SDG No.:	LB95946
Lab Sample ID:	J3248-05	Matrix:	Solid
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.36		1	0.035		0.27	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/6/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	SB-29COMP	SDG No.:	LB95946
Lab Sample ID:	J3372-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.025	U	1	0.037		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/6/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	SB-30COMP	SDG No.:	LB95946
Lab Sample ID:	J3372-02	Matrix:	Solid
Level (low/med):	low	% Solid:	87.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.02	U	1	0.036		0.27	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/6/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	SB-31COMP	SDG No.:	LB95946
Lab Sample ID:	J3372-03	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	-0.0031	U	1	0.036		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-32COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.036	U	1	0.037		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-33COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-02	Matrix:	Solid
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.065	J	1	0.035		0.26	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-34COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-03	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	0.052	J	1	0.037		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-35COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-04	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	0.017	U	1	0.038		0.29	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-36COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-05	Matrix:	Solid
Level (low/med):	low	% Solid:	87.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.018	U	1	0.037		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/7/2018 12:00:00 AM
Client Sample ID:	SB-37COMP	SDG No.:	LB95946
Lab Sample ID:	J3415-06	Matrix:	Solid
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.022	U	1	0.037		0.28	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	WJ-OLDCASTLE-2018-06-08	SDG No.:	LB95946
Lab Sample ID:	J3419-01	Matrix:	Solid
Level (low/med):	low	% Solid:	69.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.47		1	0.046		0.35	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/8/2018 12:00:00 AM
Project:	LB95946	Date Received:	6/8/2018 12:00:00 AM
Client Sample ID:	CAS1-SB-04-05-06-1-2	SDG No.:	LB95946
Lab Sample ID:	J3423-04	Matrix:	Solid
Level (low/med):	low	% Solid:	90.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.058	J	1	0.036		0.27	mg/Kg	06/11/2018	06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95946	Date Received:	
Client Sample ID:	LOWPB110120	SDG No.:	LB95946
Lab Sample ID:	LOWPB110120	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	0.01		1	0.003		0.005	mg/L		06/12/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB95946	Date Received:	
Client Sample ID:	LOWPB110120	SDG No.:	LB95946
Lab Sample ID:	LOWPB110120	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: LB95946

SDG No.: LB95946

Contract: _____

Lab Code: CHEM

Case No.: LB95946

SAS No.: LB95946

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	0.099	0.099	100		85 - 115		06/12/2018	10:09	LB95946



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95946

SDG No.: LB95946

Contract: _____ Lab Code: CHEM

Case No.: LB95946

SAS No.: LB95946

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		06/12/2018	10:09	LB95946
CCV2	Cyanide	0.25	0.25	100		90 - 110		06/12/2018	10:16	LB95946
CCV3	Cyanide	0.25	0.25	100		90 - 110		06/12/2018	10:24	LB95946
CCV4	Cyanide	0.26	0.25	104		90 - 110		06/12/2018	10:57	LB95946



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95946

SDG No.: LB95946

Contract:

Lab Code: CHEM

Case No.: LB95946

SAS No.: LB95946

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00047	+/-0.005	U		0.005		06/12/2018	10:09	LB95946

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00017	+/-0.005	U		0.005		06/12/2018	10:09	LB95946
CCB2	Cyanide	0.00046	+/-0.005	U		0.005		06/12/2018	10:16	LB95946
CCB3	Cyanide	0.00026	+/-0.005	U		0.005		06/12/2018	10:24	LB95946
CCB4	Cyanide	0.00016	+/-0.005	U		0.005		06/12/2018	10:57	LB95946



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB95946

SDG No.:

LB95946

Contract:

Lab Code:

CHEM

Case No.:

LB95946

SAS No.:

LB95946

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: LB95946

SDG No.: LB95946

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
PB110120BL	Cyanide	SOLID		Batch Number:		PB110120		Prep Date:	06/11/2018	
		0.0028	<0.25	U		0.25		06/12/2018	10:09	LB95946
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB110141BL	Cyanide	SOLID		Batch Number:		PB110141		Prep Date:	06/11/2018	
		0.0001	<0.25	U		0.25		06/12/2018	10:16	LB95946



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95946 level: low sdg no.: LB95946
contract: lab code: CHEM case no.: LB95946 sas no.: LB95946
matrix: Solid sample id: J2932-03 client id: TP-A-SMS
Percent Solids for Sample: 88.7 Spiked ID: J2932-03MS Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2		0.08	J	2.2	87		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95946 level: low sdg no.: LB95946
contract: lab code: CHEM case no.: LB95946 sas no.: LB95946
matrix: Solid sample id: J2932-03 client id: TP-A-SMSD
Percent Solids for Sample: 88.7 Spiked ID: J2932-03MSD Percent Solids for Spike Sample: 88.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.08	J	2.2	83		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95946 level: low sdg no.: LB95946
contract: lab code: CHEM case no.: LB95946 sas no.: LB95946
matrix: Solid sample id: J3372-01 client id: SB-29COMPMS
Percent Solids for Sample: 86.2 Spiked ID: J3372-01MS Percent Solids for Spike Sample: 86.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2		0.037	U	2.3	87		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95946 level: low sdg no.: LB95946
contract: lab code: CHEM case no.: LB95946 sas no.: LB95946
matrix: Solid sample id: J3372-01 client id: SB-29COMPMSD
Percent Solids for Sample: 86.2 Spiked ID: J3372-01MSD Percent Solids for Spike Sample: 86.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125		2	0.037	U	2.2	90.9		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95946 **Level:** LOW **SDG No.:** LB95946
Contract: **Lab Code:** CHEM **Case No.:** LB95946 **SAS No.:** LB95946
Matrix: Solid **Sample ID:** J2932-03 **Client ID:** TP-A-SDUP
Percent Solids for Sample: 88.7 **Duplicate ID** J2932-03DUP **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.08	J	0.068	J	16		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95946 **Level:** LOW **SDG No.:** LB95946
Contract: **Lab Code:** CHEM **Case No.:** LB95946 **SAS No.:** LB95946
Matrix: Solid **Sample ID:** J2932-03MS **Client ID:** TP-A-SMSD
Percent Solids for Sample: 88.7 **Duplicate ID** J2932-03MSD **Percent Solids for Spike Sample:** 88.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2		1.9		5		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95946 Level: LOW SDG No.: LB95946
Contract: _____ Lab Code: CHEM Case No.: LB95946 SAS No.: LB95946
Matrix: Solid Sample ID: J3372-01 Client ID: SB-29COMPDUP
Percent Solids for Sample: 86.2 Duplicate ID J3372-01DUP Percent Solids for Spike Sample: 86.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.037	U	-0.017	U			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB95946 **Level:** LOW **SDG No.:** LB95946
Contract: **Lab Code:** CHEM **Case No.:** LB95946 **SAS No.:** LB95946
Matrix: Solid **Sample ID:** J3372-01MS **Client ID:** SB-29COMPMSD
Percent Solids for Sample: 86.2 **Duplicate ID** J3372-01MSD **Percent Solids for Spike Sample:** 86.2

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



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95946

SDG No.: LB95946

Contract:

Lab Code: CHEM

Case No.: LB95946

SAS No.: LB95946

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB110120BS Cyanide	mg/Kg	5	4.9		98	85 - 115	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95946

SDG No.: LB95946

Contract:

Lab Code: CHEM

Case No.: LB95946

SAS No.: LB95946

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB110141BS Cyanide	mg/Kg	5	5		100	85 - 115	