

Daily Analysis Runlog For Sequence/QC Batch ID # LB87951

Review By

Review On

SubDirectory

LB87951

Test :

Cyanide

STD. NAME		STD REF.#				
ICAL Standard		WP55486,WP55487,WP55488,WP55489,WP55490,WP55491,WP55492,WP55493				
ICV Standard		W1541				
CCV Standard		WP55495				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55494,WP51626,WP55355				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/08/17 12:30		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/08/17 12:31		OK
3	10PPBCN	10PPBCN	CAL3	06/08/17 12:31		OK
4	50PPBCN	50PPBCN	CAL4	06/08/17 12:31		OK
5	100PPBCN	100PPBCN	CAL5	06/08/17 12:31		OK
6	250PPBCN	250PPBCN	CAL6	06/08/17 12:31		OK
7	500PPBCN	500PPBCN	CAL7	06/08/17 12:31		OK
8	ICV1	ICV1	ICV	06/08/17 13:40		OK
9	ICB1	ICB1	ICB	06/08/17 13:40		OK
10	CCV1	CCV1	CCV	06/08/17 13:40		OK
11	CCB1	CCB1	CCB	06/08/17 13:40		OK
12	PB99595BL	PB99595BL	MB	06/08/17 13:40		OK
13	PB99595BS	PB99595BS	LCS	06/08/17 13:40		OK
14	LOWPB99595	LOWPB99595	SAM	06/08/17 13:40		OK
15	HIGHPB99595	HIGHPB99595	SAM	06/08/17 13:40		OK
16	I3526-01	BU-01-060717	SAM	06/08/17 13:40		OK
17	I3526-01DUP	BU-01-060717DUP	DUP	06/08/17 13:40		OK
18	I3526-01MS	BU-01-060717MS	MS	06/08/17 13:40		OK
19	I3526-01MSD	BU-01-060717MSD	MSD	06/08/17 13:47		OK
20	I3535-01	SOILSAMPLE-1	SAM	06/08/17 13:47		OK
21	I3541-01	RT-4215	SAM	06/08/17 13:47		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB87951

Review By		Review On				
SubDirectory		LB87951		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP55486,WP55487,WP55488,WP55489,WP55490,WP55491,WP55492,WP55493				
ICV Standard		W1541				
CCV Standard		WP55495				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55494,WP51626,WP55355				
22	CCV2	CCV2	CCV	06/08/17 13:47		OK
23	CCB2	CCB2	CCB	06/08/17 13:47		OK
24	I3541-04	RT-3460	SAM	06/08/17 13:47		OK
25	PB99594BL	PB99594BL	MB	06/08/17 13:47		OK
26	PB99594BS	PB99594BS	LCS	06/08/17 13:47		OK
27	I3460-01	MW-101	SAM	06/08/17 13:47		OK
28	I3460-01DUP	MW-101DUP	DUP	06/08/17 13:47		OK
29	I3460-01MS	MW-101MS	MS	06/08/17 13:47		OK
30	I3460-01MSD	MW-101MSD	MSD	06/08/17 13:55		OK
31	I3460-02	EB-2017.06.02	SAM	06/08/17 13:55		OK
32	I3460-03	MW-103	SAM	06/08/17 13:55		OK
33	I3460-04	MW-106	SAM	06/08/17 13:55		OK
34	CCV3	CCV3	CCV	06/08/17 13:55		OK
35	CCB3	CCB3	CCB	06/08/17 13:55		OK
36	I3460-05	MW-108	SAM	06/08/17 13:55		OK
37	I3460-06	MW-110	SAM	06/08/17 13:55		OK
38	I3460-07	MW-111	SAM	06/08/17 13:55		OK
39	I3460-09	MW-118	SAM	06/08/17 13:55		OK
40	I3460-10	MW-109	SAM	06/08/17 13:55		OK
41	I3460-11	MW-112	SAM	06/08/17 14:00		OK
42	I3460-12	MW-113	SAM	06/08/17 14:00		OK
43	I3460-13	MW-114	SAM	06/08/17 14:00		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB87951

Review By		Review On				
SubDirectory		LB87951		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP55486,WP55487,WP55488,WP55489,WP55490,WP55491,WP55492,WP55493				
ICV Standard		W1541				
CCV Standard		WP55495				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55494,WP51626,WP55355				
44	I3460-14	MPE-9	SAM	06/08/17 14:00		OK
45	I3460-15	EB-2017.06.03	SAM	06/08/17 14:00		OK
46	CCV4	CCV4	CCV	06/08/17 14:00		OK
47	CCB4	CCB4	CCB	06/08/17 14:00		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB87951	Date Received:	
Client Sample ID:	HIGHPB99595	SDG No.:	LB87951
Lab Sample ID:	HIGHPB99595	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		06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-101	SDG No.:	LB87951
Lab Sample ID:	I3460-01	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	0.0072		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	EB-2017.06.02	SDG No.:	LB87951
Lab Sample ID:	I3460-02	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	0.00055	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-103	SDG No.:	LB87951
Lab Sample ID:	I3460-03	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.011		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-106	SDG No.:	LB87951
Lab Sample ID:	I3460-04	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	0.39		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-108	SDG No.:	LB87951
Lab Sample ID:	I3460-05	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	0.00089	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-110	SDG No.:	LB87951
Lab Sample ID:	I3460-06	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	0.00045	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-111	SDG No.:	LB87951
Lab Sample ID:	I3460-07	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	0.029		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	MW-118	SDG No.:	LB87951
Lab Sample ID:	I3460-09	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	0.03		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	MW-109	SDG No.:	LB87951
Lab Sample ID:	I3460-10	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	0.00056	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	MW-112	SDG No.:	LB87951
Lab Sample ID:	I3460-11	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	0.0063		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	MW-113	SDG No.:	LB87951
Lab Sample ID:	I3460-12	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	0.016		1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	MW-114	SDG No.:	LB87951
Lab Sample ID:	I3460-13	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	0.0014	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	MPE-9	SDG No.:	LB87951
Lab Sample ID:	I3460-14	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	0.00066	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/3/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/5/2017 12:00:00 AM
Client Sample ID:	EB-2017.06.03	SDG No.:	LB87951
Lab Sample ID:	I3460-15	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	0.00095	U	1	0.003		0.005	mg/L	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/7/2017 12:00:00 AM
Client Sample ID:	BU-01-060717	SDG No.:	LB87951
Lab Sample ID:	I3526-01	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	0.08	J	1	0.037		0.28	mg/Kg	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/7/2017 12:00:00 AM
Client Sample ID:	SOILSAMPLE-1	SDG No.:	LB87951
Lab Sample ID:	I3535-01	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	0.0052	U	1	0.034		0.26	mg/Kg	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/7/2017 12:00:00 AM
Client Sample ID:	RT-4215	SDG No.:	LB87951
Lab Sample ID:	I3541-01	Matrix:	Solid
Level (low/med):	low	% Solid:	83.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.048	J	1	0.038		0.29	mg/Kg	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2017 12:00:00 AM
Project:	LB87951	Date Received:	6/7/2017 12:00:00 AM
Client Sample ID:	RT-3460	SDG No.:	LB87951
Lab Sample ID:	I3541-04	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	0.069	J	1	0.043		0.33	mg/Kg	06/08/2017	06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB87951	Date Received:	
Client Sample ID:	LOWPB99595	SDG No.:	LB87951
Lab Sample ID:	LOWPB99595	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		06/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB87951	Date Received:	
Client Sample ID:	LOWPB99595	SDG No.:	LB87951
Lab Sample ID:	LOWPB99595	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: LB87951

SDG No.: LB87951

Contract: _____ Lab Code: CHEM

Case No.: LB87951

SAS No.: LB87951

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Cyanide	0.093	0.099	93.9	0	85 - 115		06/08/2017	13:40	LB87951



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87951

SDG No.: LB87951

Contract: _____ Lab Code: CHEM

Case No.: LB87951

SAS No.: LB87951

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Cyanide	0.24	0.25	96	0	90 - 110		06/08/2017	13:40	LB87951
CCV2	Cyanide	0.24	0.25	96	0	90 - 110		06/08/2017	13:47	LB87951
CCV3	Cyanide	0.24	0.25	96	0	90 - 110		06/08/2017	13:55	LB87951
CCV4	Cyanide	0.25	0.25	100	0	90 - 110		06/08/2017	14:00	LB87951



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87951 **SDG No.:** LB87951
Contract: **Lab Code:** CHEM **Case No.:** LB87951 **SAS No.:** LB87951

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00093	+/-0.005	U		0.005		06/08/2017	13:40	LB87951

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00079	+/-0.005	U		0.005		06/08/2017	13:40	LB87951
CCB2	Cyanide	0.00081	+/-0.005	U		0.005		06/08/2017	13:47	LB87951
CCB3	Cyanide	0.00087	+/-0.005	U		0.005		06/08/2017	13:55	LB87951
CCB4	Cyanide	0.0007	+/-0.005	U		0.005		06/08/2017	14:00	LB87951



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87951

SDG No.: LB87951

Contract: Lab Code: CHEM

Case No.: LB87951

SAS No.: LB87951

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: LB87951

SDG No.: LB87951

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB99594BL	Cyanide	WATER		Batch Number:		PB99594		Prep Date:	06/08/2017	
		0.00082	<0.005	U		0.005		06/08/2017	13:47	LB87951
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB99595BL	Cyanide	SOLID		Batch Number:		PB99595		Prep Date:	06/08/2017	
		0.044	<0.25	J		0.25		06/08/2017	13:40	LB87951



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87951 level: low sdg no.: LB87951
contract: lab code: CHEM case no.: LB87951 sas no.: LB87951
matrix: WATER sample id: I3460-01 client id: MW-101MS
Percent Solids for Sample: 0 Spiked ID: I3460-01MS 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	0.041		0.0072		0.04	85		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87951 level: low sdg no.: LB87951
contract: lab code: CHEM case no.: LB87951 sas no.: LB87951
matrix: WATER sample id: I3460-01 client id: MW-101MSD
Percent Solids for Sample: 0 Spiked ID: I3460-01MSD 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	0.039		0.0072		0.04	80		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87951 level: low sdg no.: LB87951
contract: lab code: CHEM case no.: LB87951 sas no.: LB87951
matrix: Solid sample id: I3526-01 client id: BU-01-060717MS
Percent Solids for Sample: 87.4 Spiked ID: I3526-01MS 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	2		0.08	J	2.2	87		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87951 level: low sdg no.: LB87951
contract: lab code: CHEM case no.: LB87951 sas no.: LB87951
matrix: Solid sample id: I3526-01 client id: BU-01-060717MSD
Percent Solids for Sample: 87.4 Spiked ID: I3526-01MSD 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		0.08	J	2.2	83		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB87951 **Level:** LOW **SDG No.:** LB87951
Contract: **Lab Code:** CHEM **Case No.:** LB87951 **SAS No.:** LB87951
Matrix: WATER **Sample ID:** I3460-01 **Client ID:** MW-101DUP
Percent Solids for Sample: 0 **Duplicate ID** I3460-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.0072		0.0071		1		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87951 **Level:** LOW **SDG No.:** LB87951
Contract: **Lab Code:** CHEM **Case No.:** LB87951 **SAS No.:** LB87951
Matrix: WATER **Sample ID:** I3460-01MS **Client ID:** MW-101MSD
Percent Solids for Sample: 0 **Duplicate ID** I3460-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.041		0.039		5		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87951 **Level:** LOW **SDG No.:** LB87951
Contract: **Lab Code:** CHEM **Case No.:** LB87951 **SAS No.:** LB87951
Matrix: Solid **Sample ID:** I3526-01 **Client ID:** BU-01-060717DUP
Percent Solids for Sample: 87.4 **Duplicate ID** I3526-01DUP **Percent Solids for Spike Sample:** 87.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.08	J	0.067	J	18		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB87951 **Level:** LOW **SDG No.:** LB87951
Contract: **Lab Code:** CHEM **Case No.:** LB87951 **SAS No.:** LB87951
Matrix: Solid **Sample ID:** I3526-01MS **Client ID:** BU-01-060717MSD
Percent Solids for Sample: 87.4 **Duplicate ID** I3526-01MSD **Percent Solids for Spike Sample:** 87.4

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



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87951

SDG No.: LB87951

Contract:

Lab Code: CHEM

Case No.: LB87951

SAS No.: LB87951

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB99594BS Cyanide	mg/L	0.1	0.098		98	85 - 115	



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87951

SDG No.: LB87951

Contract:

Lab Code: CHEM

Case No.: LB87951

SAS No.: LB87951

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB99595BS Cyanide	mg/Kg	4.9	4.8		98	85 - 115	