

Daily Analysis Runlog For Sequence/QC Batch ID # LB96044

Review By		Review On				
SubDirectory		LB96044		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP65326,WP65327,WP65328,WP65329,WP65330,WP65331,WP65332
ICV Standard	W1542
CCV Standard	WP65333
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP62802
Chk Standard	WP65335,WP64695,WP64696

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	06/15/18 12:02		OK
2	5.0PPBCN	5.0PPBCN	CAL2	06/15/18 12:03		OK
3	10PPBCN	10PPBCN	CAL3	06/15/18 12:03		OK
4	50PPBCN	50PPBCN	CAL4	06/15/18 12:03		OK
5	100PPBCN	100PPBCN	CAL5	06/15/18 12:03		OK
6	250PPBCN	250PPBCN	CAL6	06/15/18 12:03		OK
7	500PPBCN	500PPBCN	CAL7	06/15/18 12:03		OK
8	ICV1	ICV1	ICV	06/15/18 12:35		OK
9	ICB1	ICB1	ICB	06/15/18 12:35		OK
10	CCV1	CCV1	CCV	06/15/18 12:35		OK
11	CCB1	CCB1	CCB	06/15/18 12:35		OK
12	PB110264BL	PB110264BL	MB	06/15/18 12:35		OK
13	PB110264BS	PB110264BS	LCS	06/15/18 12:35		OK
14	LOWPB110264	LOWPB110264	SAM	06/15/18 12:35		OK
15	HIGHPB110264	HIGHPB110264	SAM	06/15/18 12:35		OK
16	J3471-02	#1	SAM	06/15/18 12:35		OK
17	J3471-02DUP	#1DUP	DUP	06/15/18 12:35		OK
18	J3471-02MS	#1MS	MS	06/15/18 12:35		OK
19	J3471-02MSD	#1MSD	MSD	06/15/18 12:42		OK
20	J3471-04	#2	SAM	06/15/18 12:42		OK
21	J3487-01	OILY-SOIL	SAM	06/15/18 12:42		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB96044

Review By		Review On				
SubDirectory		LB96044		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP65326,WP65327,WP65328,WP65329,WP65330,WP65331,WP65332				
ICV Standard		W1542				
CCV Standard		WP65333				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65335,WP64695,WP64696				
22	CCV2	CCV2	CCV	06/15/18 12:42		OK
23	CCB2	CCB2	CCB	06/15/18 12:42		OK
24	J3490-01	CONCRETE-BASE	SAM	06/15/18 12:42		OK
25	J3498-11	TP-E-S	SAM	06/15/18 12:42		OK
26	J3498-15	TP-D-S	SAM	06/15/18 12:42		OK
27	J3501-03	TP-10-S	SAM	06/15/18 12:42		OK
28	J3501-07	TP-10-D	SAM	06/15/18 12:42		OK
29	J3501-11	TP-9	SAM	06/15/18 12:50		OK
30	PB110271BL	PB110271BL	MB	06/15/18 12:50		OK
31	PB110271BS	PB110271BS	LCS	06/15/18 12:50		OK
32	J3469-01	OILY-WATER	SAM	06/15/18 12:50		OK
33	CCV3	CCV3	CCV	06/15/18 12:50		OK
34	CCB3	CCB3	CCB	06/15/18 12:50		OK
35	J3469-01DUP	OILY-WATERDUP	DUP	06/15/18 12:50		OK
36	J3469-01MS	OILY-WATERMS	MS	06/15/18 12:50		OK
37	J3469-01MSD	OILY-WATERMSD	MSD	06/15/18 12:50		OK
38	J3497-01	CAS1-WC-L-01	SAM	06/15/18 12:50		OK
39	J3502-01	20180367-SITE-WAT	SAM	06/15/18 12:50		OK
40	J3502-02	20180366-FIELD-BL	SAM	06/15/18 12:56		OK
41	J3508-01	KGS-SIDE-1	SAM	06/15/18 12:56		OK
42	J3508-04	KGS-SIDE-2-3	SAM	06/15/18 12:56		OK
43	J3512-01	FADW4710L	SAM	06/15/18 12:56		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 # LB96044

Review By		Review On				
SubDirectory		Test : Cyanide				
LB96044						
STD. NAME		STD REF.#				
ICAL Standard		WP65326,WP65327,WP65328,WP65329,WP65330,WP65331,WP65332				
ICV Standard		W1542				
CCV Standard		WP65333				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP65335,WP64695,WP64696				
44	J3488-01	FS-RO-3091	SAM	06/15/18 13:21		OK
45	CCV4	CCV4	CCV	06/15/18 13:21		OK
46	CCB4	CCB4	CCB	06/15/18 13:21		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB96044	Date Received:	
Client Sample ID:	HIGHPB110264	SDG No.:	LB96044
Lab Sample ID:	HIGHPB110264	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		06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	LB96044
Lab Sample ID:	J3469-01	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	0.002	U	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/12/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	#1	SDG No.:	LB96044
Lab Sample ID:	J3471-02	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	0.081	J	1	0.036		0.28	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/12/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	#2	SDG No.:	LB96044
Lab Sample ID:	J3471-04	Matrix:	Solid
Level (low/med):	low	% Solid:	87.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.029	U	1	0.037		0.28	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	OILY-SOIL	SDG No.:	LB96044
Lab Sample ID:	J3487-01	Matrix:	Solid
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.039	U	1	0.039		0.29	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	FS-RO-3091	SDG No.:	LB96044
Lab Sample ID:	J3488-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.034	U	1	0.037		0.28	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	CONCRETE-BASE	SDG No.:	LB96044
Lab Sample ID:	J3490-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.0014	U	1	0.032		0.24	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	CAS1-WC-L-01	SDG No.:	LB96044
Lab Sample ID:	J3497-01	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	0.0046	J	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	TP-E-S	SDG No.:	LB96044
Lab Sample ID:	J3498-11	Matrix:	Solid
Level (low/med):	low	% Solid:	91.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.087	U	1	0.036		0.27	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	TP-D-S	SDG No.:	LB96044
Lab Sample ID:	J3498-15	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	-0.031	U	1	0.035		0.27	mg/Kg	06/14/2018	06/15/2018	9012B

Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	TP-10-S	SDG No.:	LB96044
Lab Sample ID:	J3501-03	Matrix:	Solid
Level (low/med):	low	% Solid:	88.3

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	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	TP-10-D	SDG No.:	LB96044
Lab Sample ID:	J3501-07	Matrix:	Solid
Level (low/med):	low	% Solid:	89.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	-0.067	U	1	0.035		0.27	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/13/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	TP-9	SDG No.:	LB96044
Lab Sample ID:	J3501-11	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	-0.039	U	1	0.035		0.27	mg/Kg	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	20180367-SITE-WATER	SDG No.:	LB96044
Lab Sample ID:	J3502-01	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	-0.00059	U	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/7/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/13/2018 12:00:00 AM
Client Sample ID:	20180366-FIELD-BLANK	SDG No.:	LB96044
Lab Sample ID:	J3502-02	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	-0.0009	U	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/14/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/14/2018 12:00:00 AM
Client Sample ID:	KGS-SIDE-1	SDG No.:	LB96044
Lab Sample ID:	J3508-01	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	0.00069	U	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/14/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/14/2018 12:00:00 AM
Client Sample ID:	KGS-SIDE-2-3	SDG No.:	LB96044
Lab Sample ID:	J3508-04	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	-0.00061	U	1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	6/14/2018 12:00:00 AM
Project:	LB96044	Date Received:	6/14/2018 12:00:00 AM
Client Sample ID:	FADW4710L	SDG No.:	LB96044
Lab Sample ID:	J3512-01	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	0.005		1	0.003		0.005	mg/L	06/14/2018	06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB96044	Date Received:	
Client Sample ID:	LOWPB110264	SDG No.:	LB96044
Lab Sample ID:	LOWPB110264	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	0.0092		1	0.003		0.005	mg/L		06/15/2018	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB96044	Date Received:	
Client Sample ID:	LOWPB110264	SDG No.:	LB96044
Lab Sample ID:	LOWPB110264	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: LB96044

SDG No.: LB96044

Contract: _____ Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

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	0.1	0.099	101		85 - 115		06/15/2018	12:35	LB96044



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB96044

SDG No.: LB96044

Contract: _____ Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

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		06/15/2018	12:35	LB96044
CCV2	Cyanide	0.25	0.25	100		90 - 110		06/15/2018	12:42	LB96044
CCV3	Cyanide	0.24	0.25	96		90 - 110		06/15/2018	12:50	LB96044
CCV4	Cyanide	0.26	0.25	104		90 - 110		06/15/2018	13:21	LB96044



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB96044

SDG No.: LB96044

Contract:

Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

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		06/15/2018	12:35	LB96044

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	-0.001	+/-0.005	U		0.005		06/15/2018	12:35	LB96044
CCB2	Cyanide	-0.0011	+/-0.005	U		0.005		06/15/2018	12:42	LB96044
CCB3	Cyanide	-0.0015	+/-0.005	U		0.005		06/15/2018	12:50	LB96044
CCB4	Cyanide	-0.00091	+/-0.005	U		0.005		06/15/2018	13:21	LB96044



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB96044

SDG No.: LB96044

Contract: Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

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: LB96044

SDG No.: LB96044

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
PB110264BL	Cyanide	SOLID		Batch Number:		PB110264		Prep Date:	06/14/2018	
		-0.055	<0.24	U		0.24		06/15/2018	12:35	LB96044
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB110271BL	Cyanide	WATER		Batch Number:		PB110271		Prep Date:	06/14/2018	
		-0.0016	<0.005	U		0.005		06/15/2018	12:50	LB96044



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB96044 level: low sdg no.: LB96044
contract: lab code: CHEM case no.: LB96044 sas no.: LB96044
matrix: WATER sample id: J3469-01 client id: OILY-WATERMS
Percent Solids for Sample: 0 Spiked ID: J3469-01MS 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	0.011		0.003	U	0.04	27.5	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB96044 level: low sdg no.: LB96044
contract: lab code: CHEM case no.: LB96044 sas no.: LB96044
matrix: WATER sample id: J3469-01 client id: OILY-WATERMSD
Percent Solids for Sample: 0 Spiked ID: J3469-01MSD 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	0.012		0.003	U	0.04	30	*	



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB96044 level: low sdg no.: LB96044
contract: lab code: CHEM case no.: LB96044 sas no.: LB96044
matrix: Solid sample id: J3471-02 client id: #1MS
Percent Solids for Sample: 88.9 Spiked ID: J3471-02MS Percent Solids for Spike Sample: 88.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.081	J	2.2	83		



GENCHEM
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MATRIX SPIKE DUPLICATE SUMMARY

client: LB96044 level: low sdg no.: LB96044
contract: lab code: CHEM case no.: LB96044 sas no.: LB96044
matrix: Solid sample id: J3471-02 client id: #1MSD
Percent Solids for Sample: 88.9 Spiked ID: J3471-02MSD Percent Solids for Spike Sample: 88.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.081	J	2.2	83		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB96044 **Level:** LOW **SDG No.:** LB96044
Contract: **Lab Code:** CHEM **Case No.:** LB96044 **SAS No.:** LB96044
Matrix: WATER **Sample ID:** J3469-01 **Client ID:** OILY-WATERDUP
Percent Solids for Sample: 0 **Duplicate ID** J3469-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.003	U	0.0015	U			



GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB96044 Level: LOW SDG No.: LB96044
Contract: _____ Lab Code: CHEM Case No.: LB96044 SAS No.: LB96044
Matrix: WATER Sample ID: J3469-01MS Client ID: OILY-WATERMSD
Percent Solids for Sample: 0 Duplicate ID J3469-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.011		0.012		9		

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB96044 **Level:** LOW **SDG No.:** LB96044
Contract: **Lab Code:** CHEM **Case No.:** LB96044 **SAS No.:** LB96044
Matrix: Solid **Sample ID:** J3471-02 **Client ID:** #1DUP
Percent Solids for Sample: 88.9 **Duplicate ID** J3471-02DUP **Percent Solids for Spike Sample:** 88.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.081	J	0.027	U	200.0	*	

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB96044 **Level:** LOW **SDG No.:** LB96044
Contract: **Lab Code:** CHEM **Case No.:** LB96044 **SAS No.:** LB96044
Matrix: Solid **Sample ID:** J3471-02MS **Client ID:** #1MSD
Percent Solids for Sample: 88.9 **Duplicate ID** J3471-02MSD **Percent Solids for Spike Sample:** 88.9

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



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB96044

SDG No.: LB96044

Contract:

Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB110264BS Cyanide	mg/Kg	4.9	4.9		100	85 - 115	



GENCHEM

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB96044

SDG No.: LB96044

Contract:

Lab Code: CHEM

Case No.: LB96044

SAS No.: LB96044

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB110271BS Cyanide	mg/L	0.1	0.099		99	85 - 115	