

Daily Analysis Runlog For Sequence/QC Batch ID # LB88867

Review By		Review On				
SubDirectory		LB88867		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP56563,WP56564,WP56565,WP56566,WP56567,WP56568,WP56569
ICV Standard	W1541
CCV Standard	WP56570
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP54521
Chk Standard	WP56572,WP55836,WP55355

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	07/21/17 09:08		OK
2	5.0PPBCN	5.0PPBCN	CAL2	07/21/17 09:08		OK
3	10PPBCN	10PPBCN	CAL3	07/21/17 09:08		OK
4	50PPBCN	50PPBCN	CAL4	07/21/17 09:08		OK
5	100PPBCN	100PPBCN	CAL5	07/21/17 09:08		OK
6	250PPBCN	250PPBCN	CAL6	07/21/17 09:08		OK
7	500PPBCN	500PPBCN	CAL7	07/21/17 09:08		OK
8	ICV1	ICV1	ICV	07/21/17 10:12		OK
9	ICB1	ICB1	ICB	07/21/17 10:12		OK
10	CCV1	CCV1	CCV	07/21/17 10:12		OK
11	CCB1	CCB1	CCB	07/21/17 10:12		OK
12	PB100805BL	PB100805BL	MB	07/21/17 10:12		OK
13	PB100805BS	PB100805BS	LCS	07/21/17 10:12		OK
14	LOWPB100805	LOWPB100805	SAM	07/21/17 10:12		OK
15	HIGHPB100805	HIGHPB100805	SAM	07/21/17 10:12		OK
16	I4308-01	NB-08-071917	SAM	07/21/17 10:12		OK
17	I4308-01DUP	NB-08-071917DUP	DUP	07/21/17 10:12		OK
18	I4308-01MS	NB-08-071917MS	MS	07/21/17 10:12		OK
19	I4308-01MSD	NB-08-071917MSD	MSD	07/21/17 10:20		OK
20	I4310-01	B3-10GRIT-COMP	SAM	07/21/17 10:20		OK
21	I4312-01	VNJ-209	SAM	07/21/17 10:20		OK

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Review By			Review On			
SubDirectory		LB88867		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP56563,WP56564,WP56565,WP56566,WP56567,WP56568,WP56569				
ICV Standard		W1541				
CCV Standard		WP56570				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54521				
Chk Standard		WP56572,WP55836,WP55355				
22	CCV2	CCV2	CCV	07/21/17 10:20		OK
23	CCB2	CCB2	CCB	07/21/17 10:20		OK
24	I4312-05	72-11987	SAM	07/21/17 10:20		OK
25	I4312-09	72-11978	SAM	07/21/17 10:20		OK
26	I4312-13	VNJ-237	SAM	07/21/17 10:20		OK
27	I4312-17	156	SAM	07/21/17 10:20		OK
28	I4316-01	OR-02-071917	SAM	07/21/17 10:20		OK
29	I4317-01	SP-1-TP-1-2-3-COM	SAM	07/21/17 10:20		OK
30	I4319-01	B-2(0-6)COMP	SAM	07/21/17 10:27		OK
31	I4246-08MS	DRUM-1-2-3-COMP	MS	07/21/17 10:27		OK
32	I4246-08MSD	DRUM-1-2-3-COMP	MSD	07/21/17 10:27		OK
33	I4246-08	DRUM-1-2-3-COMP	SAM	07/21/17 10:27	high	Dilution
34	CCV3	CCV3	CCV	07/21/17 10:27		OK
35	CCB3	CCB3	CCB	07/21/17 10:28		OK
36	I4246-08DUP	DRUM-1-2-3-COMP	DUP	07/21/17 10:28		OK
37	I4246-11	DRUM-4-5-6-7-COM	SAM	07/21/17 10:28	high	Dilution
38	PB100810BL	PB100810BL	MB	07/21/17 10:28		OK
39	PB100810BS	PB100810BS	LCS	07/21/17 10:28		OK
40	CCV4	CCV4	CCV	07/21/17 10:28		OK
41	CCB4	CCB4	CCB	07/21/17 10:31		OK
42	I4246-08DL	DRUM-1-2-3-COMP	SAM	07/21/17 10:52	2x for Cn	Confirms
43	I4246-11DL	DRUM-4-5-6-7-COM	SAM	07/21/17 10:52	2x for Cn	Confirms



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 # LB88867

Review By		Review On				
SubDirectory		Test : Cyanide				
LB88867						
STD. NAME		STD REF.#				
ICAL Standard		WP56563,WP56564,WP56565,WP56566,WP56567,WP56568,WP56569				
ICV Standard		W1541				
CCV Standard		WP56570				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP54521				
Chk Standard		WP56572,WP55836,WP55355				
44	CCV5	CCV5	CCV	07/21/17 10:52		OK
45	CCB5	CCB5	CCB	07/21/17 10:52		OK



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Report of Analysis

Client:		Date Collected:	
Project:	LB88867	Date Received:	
Client Sample ID:	HIGHPB100805	SDG No.:	LB88867
Lab Sample ID:	HIGHPB100805	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		07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/17/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/17/2017 12:00:00 AM
Client Sample ID:	DRUM-1-2-3-COMP	SDG No.:	LB88867
Lab Sample ID:	I4246-08	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	0.65	OR	1	0.003		0.005	mg/L	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/17/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/17/2017 12:00:00 AM
Client Sample ID:	DRUM-1-2-3-COMPDL	SDG No.:	LB88867
Lab Sample ID:	I4246-08DL	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	0.72	D	2	0.006		0.01	mg/L	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/17/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/17/2017 12:00:00 AM
Client Sample ID:	DRUM-4-5-6-7-COMP	SDG No.:	LB88867
Lab Sample ID:	I4246-11	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	0.72	OR	1	0.003		0.005	mg/L	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/17/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/17/2017 12:00:00 AM
Client Sample ID:	DRUM-4-5-6-7-COMPDL	SDG No.:	LB88867
Lab Sample ID:	I4246-11DL	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	0.75	D	2	0.006		0.01	mg/L	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	NB-08-071917	SDG No.:	LB88867
Lab Sample ID:	I4308-01	Matrix:	Solid
Level (low/med):	low	% Solid:	94.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.055	J	1	0.034		0.26	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	B3-10GRIT-COMP	SDG No.:	LB88867
Lab Sample ID:	I4310-01	Matrix:	Solid
Level (low/med):	low	% Solid:	96.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.053	J	1	0.033		0.25	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-209	SDG No.:	LB88867
Lab Sample ID:	I4312-01	Matrix:	Solid
Level (low/med):	low	% Solid:	95.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.052	J	1	0.033		0.25	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11987	SDG No.:	LB88867
Lab Sample ID:	I4312-05	Matrix:	Solid
Level (low/med):	low	% Solid:	94.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.059	J	1	0.033		0.25	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	LB88867
Lab Sample ID:	I4312-09	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	0.044	J	1	0.033		0.25	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	VNJ-237	SDG No.:	LB88867
Lab Sample ID:	I4312-13	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	0.043	J	1	0.035		0.26	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	156	SDG No.:	LB88867
Lab Sample ID:	I4312-17	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	0.045	J	1	0.036		0.27	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	OR-02-071917	SDG No.:	LB88867
Lab Sample ID:	I4316-01	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	0.088	J	1	0.035		0.27	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/19/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	SP-1-TP-1-2-3-COMP	SDG No.:	LB88867
Lab Sample ID:	I4317-01	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	0.038	J	1	0.033		0.25	mg/Kg	07/20/2017	07/21/2017	9012B

Report of Analysis

Client:		Date Collected:	7/18/2017 12:00:00 AM
Project:	LB88867	Date Received:	7/19/2017 12:00:00 AM
Client Sample ID:	B-2(0-6)COMP	SDG No.:	LB88867
Lab Sample ID:	I4319-01	Matrix:	Solid
Level (low/med):	low	% Solid:	88.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.098	J	1	0.035		0.27	mg/Kg	07/20/2017	07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB88867	Date Received:	
Client Sample ID:	LOWPB100805	SDG No.:	LB88867
Lab Sample ID:	LOWPB100805	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		07/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	
Project:	LB88867	Date Received:	
Client Sample ID:	LOWPB100805	SDG No.:	LB88867
Lab Sample ID:	LOWPB100805	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: LB88867

SDG No.: LB88867

Contract: _____ Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

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		07/21/2017	10:12	LB88867



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB88867

SDG No.: LB88867

Contract: _____ Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

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		07/21/2017	10:12	LB88867
CCV2	Cyanide	0.24	0.25	96	0	90 - 110		07/21/2017	10:20	LB88867
CCV3	Cyanide	0.24	0.25	96	0	90 - 110		07/21/2017	10:27	LB88867
CCV4	Cyanide	0.25	0.25	100	0	90 - 110		07/21/2017	10:28	LB88867
CCV5	Cyanide	0.26	0.25	104	0	90 - 110		07/21/2017	10:52	LB88867



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88867

SDG No.: LB88867

Contract:

Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.0016	+/-0.005	U		0.005		07/21/2017	10:12	LB88867



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88867

SDG No.: LB88867

Contract:

Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.0012	+/-0.005	U		0.005		07/21/2017	10:12	LB88867
CCB2	Cyanide	0.0012	+/-0.005	U		0.005		07/21/2017	10:20	LB88867
CCB3	Cyanide	0.0017	+/-0.005	U		0.005		07/21/2017	10:28	LB88867
CCB4	Cyanide	0.0012	+/-0.005	U		0.005		07/21/2017	10:31	LB88867
CCB5	Cyanide	0.0016	+/-0.005	U		0.005		07/21/2017	10:52	LB88867



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB88867

SDG No.: LB88867

Contract: Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

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: LB88867

SDG No.: LB88867

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
PB100805BL	Cyanide	SOLID		Batch Number:		PB100805		Prep Date:	07/20/2017	
		0.063	<0.25	J		0.25		07/21/2017	10:12	LB88867
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB100810BL	Cyanide	WATER		Batch Number:		PB100810		Prep Date:	07/20/2017	
		0.002	<0.005	U		0.005		07/21/2017	10:28	LB88867



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB88867 level: low sdg no.: LB88867
contract: lab code: CHEM case no.: LB88867 sas no.: LB88867
matrix: WATER sample id: I4246-08 client id: DRUM-1-2-3-COMPMS
Percent Solids for Sample: 0 Spiked ID: I4246-08MS 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	0.68	OR	0.65	OR	0.04	75		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB88867 level: low sdg no.: LB88867
contract: lab code: CHEM case no.: LB88867 sas no.: LB88867
matrix: WATER sample id: I4246-08 client id: DRUM-1-2-3-COMPMSD
Percent Solids for Sample: 0 Spiked ID: I4246-08MSD 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	0.68	OR	0.65	OR	0.04	75		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB88867 level: low sdg no.: LB88867
contract: lab code: CHEM case no.: LB88867 sas no.: LB88867
matrix: Solid sample id: I4308-01 client id: NB-08-071917MS
Percent Solids for Sample: 94.2 Spiked ID: I4308-01MS Percent Solids for Spike Sample: 94.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2		0.055	J	2.1	93		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB88867 level: low sdg no.: LB88867
contract: lab code: CHEM case no.: LB88867 sas no.: LB88867
matrix: Solid sample id: I4308-01 client id: NB-08-071917MSD
Percent Solids for Sample: 94.2 Spiked ID: I4308-01MSD Percent Solids for Spike Sample: 94.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.9		0.055	J	2.1	88		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB88867 **Level:** LOW **SDG No.:** LB88867
Contract: **Lab Code:** CHEM **Case No.:** LB88867 **SAS No.:** LB88867
Matrix: WATER **Sample ID:** I4246-08 **Client ID:** DRUM-1-2-3-COMPDUP
Percent Solids for Sample: 0 **Duplicate ID** I4246-08DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.65	OR	0.65	OR	0		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB88867 **Level:** LOW **SDG No.:** LB88867
Contract: **Lab Code:** CHEM **Case No.:** LB88867 **SAS No.:** LB88867
Matrix: WATER **Sample ID:** I4246-08MS **Client ID:** DRUM-1-2-3-COMPMSD
Percent Solids for Sample: 0 **Duplicate ID** I4246-08MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/L	20	0.68	OR	0.68	OR	0		

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DUPLICATE SAMPLE SUMMARY

Client: LB88867 **Level:** LOW **SDG No.:** LB88867
Contract: **Lab Code:** CHEM **Case No.:** LB88867 **SAS No.:** LB88867
Matrix: Solid **Sample ID:** I4308-01 **Client ID:** NB-08-071917DUP
Percent Solids for Sample: 94.2 **Duplicate ID** I4308-01DUP **Percent Solids for Spike Sample:** 94.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.055	J	0.044	J	22	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB88867 **Level:** LOW **SDG No.:** LB88867
Contract: **Lab Code:** CHEM **Case No.:** LB88867 **SAS No.:** LB88867
Matrix: Solid **Sample ID:** I4308-01MS **Client ID:** NB-08-071917MSD
Percent Solids for Sample: 94.2 **Duplicate ID** I4308-01MSD **Percent Solids for Spike Sample:** 94.2

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



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB88867

SDG No.: LB88867

Contract:

Lab Code: CHEM

Case No.: LB88867

SAS No.: LB88867

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB100810BS Cyanide	mg/L	0.1	0.097		97	85 - 115	