

Daily Analysis Runlog For Sequence/QC Batch ID # LB85523

Review By		Review On				
SubDirectory		LB85523		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP52357,WP52356,WP52355,WP52354,WP52353,WP52352
ICV Standard	WP52358
CCV Standard	WP52359
ICSA Standard	
CRI Standard	
LCS Standard	
Chk Standard	WP52466,WP51626,WP50159,WP51615

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	S0.0	S0.0	CAL1	01/26/17 13:50		OK
2	S5.0	S5.0	CAL2	01/26/17 13:50		OK
3	S10.0	S10.0	CAL3	01/26/17 13:50		OK
4	S100.0	S100.0	CAL4	01/26/17 13:50		OK
5	S250.0	S250.0	CAL5	01/26/17 13:50		OK
6	S500.0	S500.0	CAL6	01/26/17 13:50		OK
7	ICV	ICV	ICV	01/26/17 14:45		OK
8	ICB	ICB	ICB	01/26/17 14:45		OK
9	CCV001	CCV001	CCV	01/26/17 14:45		OK
10	CCB001	CCB001	CCB	01/26/17 14:45		OK
11	PB96299BL	PBS006	MB	01/26/17 14:45		OK
12	I1389-01	MBDN01	SAM	01/26/17 14:45		OK
13	I1389-02	MBDN01D	DUP	01/26/17 14:45		OK
14	I1389-03	MBDN01S	MS	01/26/17 14:53		OK
15	I1389-04	MBDN02	SAM	01/26/17 14:53		OK
16	I1389-05	MBDN03	SAM	01/26/17 14:53		OK
17	I1389-06	MBDN04	SAM	01/26/17 14:53		OK
18	I1389-07	MBDN05	SAM	01/26/17 14:53		OK
19	I1389-08	MBDN06	SAM	01/26/17 14:53		OK
20	I1389-09	MBDN07	SAM	01/26/17 14:53		OK
21	I1389-10	MBDN08	SAM	01/26/17 14:53		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB85523

Review By			Review On			
SubDirectory		LB85523		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP52357,WP52356,WP52355,WP52354,WP52353,WP52352				
ICV Standard		WP52358				
CCV Standard		WP52359				
ICSA Standard						
CRI Standard						
LCS Standard						
Chk Standard		WP52466,WP51626,WP50159,WP51615				
22	I1389-11	MBDN11	SAM	01/26/17 14:53		OK
23	I1389-12	MBDN12	SAM	01/26/17 14:53		OK
24	I1389-13	MBDN13	SAM	01/26/17 14:53		OK
25	I1389-14	MBDN14	SAM	01/26/17 15:00		OK
26	I1389-15	MBDN15	SAM	01/26/17 15:00		OK
27	I1389-16	MBDN16	SAM	01/26/17 15:00		OK
28	I1389-17	MBDN17	SAM	01/26/17 15:00		OK
29	I1389-18	MBDN18	SAM	01/26/17 15:00		OK
30	I1389-19	MBDN19	SAM	01/26/17 15:00		OK
31	I1389-20	MBDN20	SAM	01/26/17 15:00		OK
32	I1389-21	MBDN21	SAM	01/26/17 15:00		OK
33	I1389-22	MBDN22	SAM	01/26/17 15:00		OK
34	CCV002	CCV002	CCV	01/26/17 15:00		OK
35	CCB002	CCB002	CCB	01/26/17 15:00		OK



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN01	SDG No.:	LB85523
Lab Sample ID:	I1389-01	Matrix:	Solid
Level (low/med):	low	% Solid:	81.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.012	U	1	0.066	0.015	0.6	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN02	SDG No.:	LB85523
Lab Sample ID:	I1389-04	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	U	1	0.062	0.014	0.56	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN03	SDG No.:	LB85523
Lab Sample ID:	I1389-05	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	0.004	U	1	0.062	0.014	0.56	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN04	SDG No.:	LB85523
Lab Sample ID:	I1389-06	Matrix:	Solid
Level (low/med):	low	% Solid:	82.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.065	0.015	0.59	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN05	SDG No.:	LB85523
Lab Sample ID:	I1389-07	Matrix:	Solid
Level (low/med):	low	% Solid:	89.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.022	U	1	0.059	0.013	0.54	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN06	SDG No.:	LB85523
Lab Sample ID:	I1389-08	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	U	1	0.06	0.014	0.54	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN07	SDG No.:	LB85523
Lab Sample ID:	I1389-09	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	U	1	0.059	0.013	0.54	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN08	SDG No.:	LB85523
Lab Sample ID:	I1389-10	Matrix:	Solid
Level (low/med):	low	% Solid:	92.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.058	0.013	0.53	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN11	SDG No.:	LB85523
Lab Sample ID:	I1389-11	Matrix:	Solid
Level (low/med):	low	% Solid:	88

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.065	J	1	0.06	0.014	0.55	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN12	SDG No.:	LB85523
Lab Sample ID:	I1389-12	Matrix:	Solid
Level (low/med):	low	% Solid:	89.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.06	0.014	0.54	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN13	SDG No.:	LB85523
Lab Sample ID:	I1389-13	Matrix:	Solid
Level (low/med):	low	% Solid:	66.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.16	J	1	0.081	0.018	0.74	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN14	SDG No.:	LB85523
Lab Sample ID:	I1389-14	Matrix:	Solid
Level (low/med):	low	% Solid:	74.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.073	0.017	0.66	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN15	SDG No.:	LB85523
Lab Sample ID:	I1389-15	Matrix:	Solid
Level (low/med):	low	% Solid:	81.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.93		1	0.066	0.015	0.6	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN16	SDG No.:	LB85523
Lab Sample ID:	I1389-16	Matrix:	Solid
Level (low/med):	low	% Solid:	84.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.062	0.014	0.57	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN17	SDG No.:	LB85523
Lab Sample ID:	I1389-17	Matrix:	Solid
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.063	0.014	0.58	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN18	SDG No.:	LB85523
Lab Sample ID:	I1389-18	Matrix:	Solid
Level (low/med):	low	% Solid:	86.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.062	0.014	0.57	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN19	SDG No.:	LB85523
Lab Sample ID:	I1389-19	Matrix:	Solid
Level (low/med):	low	% Solid:	77.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.024	U	1	0.069	0.016	0.63	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN20	SDG No.:	LB85523
Lab Sample ID:	I1389-20	Matrix:	Solid
Level (low/med):	low	% Solid:	84.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0	U	1	0.064	0.015	0.58	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN21	SDG No.:	LB85523
Lab Sample ID:	I1389-21	Matrix:	Solid
Level (low/med):	low	% Solid:	79

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.024	U	1	0.067	0.015	0.61	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN22	SDG No.:	LB85523
Lab Sample ID:	I1389-22	Matrix:	Solid
Level (low/med):	low	% Solid:	92.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.01	U	1	0.057	0.013	0.52	mg/kg	01/24/2017	01/26/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85523	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN22	SDG No.:	LB85523
Lab Sample ID:	I1389-22	Matrix:	Solid
Level (low/med):	low	% Solid:	92.9

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



Hit Summary Sheet
SW-846

SDG No.:

LB85523

Order ID:

LB85523

Client:

LB85523

Project ID:

LB85523

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : I1389-11	MBDN11	Solid	Cyanide	0.065	J	0.06	0.275	0.55	mg/kg
Client ID : I1389-13	MBDN13	Solid	Cyanide	0.160	J	0.081	0.37	0.74	mg/kg
Client ID : I1389-15	MBDN15	Solid	Cyanide	0.930		0.066	0.3	0.6	mg/kg



Metals
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SAMPLE PREPARATION SUMMARY

Client: LB85523 SDG No.: LB85523
Contract: Lab Code: CHEM Method:
Case No.: LB85523 SAS No.: LB85523

					Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Sample ID	Client ID	Sample Type	Matrix	Prep Date			
Batch Number: PB96299							
PB96299BL	PBS006	MB	SOLID	01/26/2017	1.00	50.0	100.00
I1389-01	MBDN01	SAM	SOLID	01/26/2017	1.02	50.0	81.10
I1389-02	MBDN01D	DUP	SOLID	01/26/2017	1.03	50.0	81.10
I1389-03	MBDN01S	MS	SOLID	01/26/2017	1.04	50.0	81.10
I1389-04	MBDN02	SAM	SOLID	01/26/2017	1.05	50.0	84.70
I1389-05	MBDN03	SAM	SOLID	01/26/2017	1.03	50.0	86.30
I1389-06	MBDN04	SAM	SOLID	01/26/2017	1.02	50.0	82.90
I1389-07	MBDN05	SAM	SOLID	01/26/2017	1.04	50.0	89.90
I1389-08	MBDN06	SAM	SOLID	01/26/2017	1.05	50.0	87.70
I1389-09	MBDN07	SAM	SOLID	01/26/2017	1.03	50.0	90.20
I1389-10	MBDN08	SAM	SOLID	01/26/2017	1.02	50.0	92.20
I1389-11	MBDN11	SAM	SOLID	01/26/2017	1.04	50.0	88.00
I1389-12	MBDN12	SAM	SOLID	01/26/2017	1.03	50.0	89.20
I1389-13	MBDN13	SAM	SOLID	01/26/2017	1.02	50.0	66.70
I1389-14	MBDN14	SAM	SOLID	01/26/2017	1.01	50.0	74.60
I1389-15	MBDN15	SAM	SOLID	01/26/2017	1.03	50.0	81.50
I1389-16	MBDN16	SAM	SOLID	01/26/2017	1.04	50.0	84.80
I1389-17	MBDN17	SAM	SOLID	01/26/2017	1.03	50.0	84.10
I1389-18	MBDN18	SAM	SOLID	01/26/2017	1.02	50.0	86.40
I1389-19	MBDN19	SAM	SOLID	01/26/2017	1.03	50.0	77.50
I1389-20	MBDN20	SAM	SOLID	01/26/2017	1.02	50.0	84.10
I1389-21	MBDN21	SAM	SOLID	01/26/2017	1.04	50.0	79.00
I1389-22	MBDN22	SAM	SOLID	01/26/2017	1.03	50.0	92.90

FORM 15-IN
INITIAL CALIBRATION

Lab Name: LB85523 Contract: _____
Lab Code: CHEM Case No.: LB85523 MA No.: _____ SDG No.: LB85523
Instrument ID: CN Start Date: 01/26/2017
Analytical Method: _____ Run Batch: LB85523.mdb
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Cyanide	0	0.79	0	5	4.4	-12	10	9.4	-6

FORM 15-IN
INITIAL CALIBRATION

Lab Name: LB85523 Contract: _____
Lab Code: CHEM Case No.: LB85523 MA No.: _____ SDG No.: LB85523
Instrument ID: CN Start Date: 01/26/2017
Analytical Method: _____ Run Batch: LB85523.mdb
Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Cyanide	100	99.7	0	250	251	0	500	499	0



Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB85523

SDG No.: LB85523

Contract: _____

Lab Code: CHEM

Case No.: LB85523

SAS No.: LB85523

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV	Cyanide	97.2	99	98	0	85 - 115	CN	01/26/2017	14:45	LB85523



Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB85523

SDG No.: LB85523

Contract: _____ Lab Code: CHEM

Case No.: LB85523

SAS No.: LB85523

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV001	Cyanide	241	250	96	0	85 - 115	CN	01/26/2017	14:45	LB85523
CCV002	Cyanide	241	250	96	0	85 - 115	CN	01/26/2017	15:00	LB85523



Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85523

SDG No.: LB85523

Contract:

Lab Code: CHEM

Case No.: LB85523

SAS No.: LB85523

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB	Cyanide	0.85	+/-10.0	U	5.0	10.0	CN	01/26/2017	14:45	LB85523



Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85523

SDG No.: LB85523

Contract:

Lab Code: CHEM

Case No.: LB85523

SAS No.: LB85523

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB001	Cyanide	1.3	+/-10.0	U	5.0	10.0	CN	01/26/2017	14:45	LB85523
CCB002	Cyanide	1.0	+/-10.0	U	5.0	10.0	CN	01/26/2017	15:00	LB85523



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85523

SDG No.: LB85523

Contract: Lab Code: CHEM

Case No.: LB85523

SAS No.: LB85523

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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SDG No.: LB85523

Instrument: CN

Sample ID	Analyte	Result (mg/kg)	Acceptance Limit	Conc Qual	LOD mg/kg	CRQL mg/kg	M	Analysis Date	Analysis Time	Run
PB96299BL		SOLID		Batch Number:		PB96299		Prep Date:	01/24/2017	
	Cyanide	0.037	<0.5	U	0.013	0.5	CN	01/26/2017	14:45	LB85523



metals
- 5a -
MATRIX SPIKE SUMMARY

client: LB85523 level: low sdg no.: LB85523
contract: lab code: CHEM case no.: LB85523 sas no.: LB85523
matrix: Solid sample id: I1389-01 client id: MBDN01S
Percent Solids for Sample: 81.1 Spiked ID: I1389-03 Percent Solids for Spike Sample: 81.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/kg	75 - 125	4.6		0.6	U	5.9	78		CN

Metals

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DUPLICATE SAMPLE SUMMARY

Client: LB85523 **Level:** LOW **SDG No.:** LB85523
Contract: **Lab Code:** CHEM **Case No.:** LB85523 **SAS No.:** LB85523
Matrix: Solid **Sample ID:** I1389-01 **Client ID:** MBDN01D
Percent Solids for Sample: 81.1 **Duplicate ID** I1389-02 **Percent Solids for Spike Sample:** 81.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/kg	20	0.6	U	0.035	U			CN