

Daily Analysis Runlog For Sequence/QC Batch ID # LB85490

Review By		Review On				
SubDirectory		LB85490		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		WP52401,WP51626,WP50159,WP51615				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	S0.0	S0.0	CAL1	01/25/17 09:50		OK
2	S5.0	S5.0	CAL2	01/25/17 09:51		OK
3	S10.0	S10.0	CAL3	01/25/17 09:51		OK
4	S100.0	S100.0	CAL4	01/25/17 09:51		OK
5	S250.0	S250.0	CAL5	01/25/17 09:51		OK
6	S500.0	S500.0	CAL6	01/25/17 09:51		OK
7	ICV	ICV	ICV	01/25/17 10:50		OK
8	ICB	ICB	ICB	01/25/17 10:50		OK
9	CCV001	CCV001	CCV	01/25/17 10:50		OK
10	CCB001	CCB001	CCB	01/25/17 10:50		OK
11	PB96247BL	PBS006	MB	01/25/17 10:50		OK
12	I1227-01	ME5BQ5	SAM	01/25/17 10:50		OK
13	I1227-02	ME5BQ5D	DUP	01/25/17 10:50		OK
14	I1227-03	ME5BQ5S	MS	01/25/17 10:50		OK
15	PB96299BL	PBS006	MB	01/25/17 10:50		OK
16	I1389-01	MBDN01	SAM	01/25/17 10:50		OK
17	I1389-02	MBDN01D	DUP	01/25/17 10:50		OK
18	I1389-03	MBDN01S	MS	01/25/17 10:58		OK
19	I1389-04	MBDN02	SAM	01/25/17 10:58		OK
20	I1389-05	MBDN03	SAM	01/25/17 10:58		OK
21	I1389-06	MBDN04	SAM	01/25/17 10:58		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB85490

Review By			Review On			
SubDirectory		LB85490		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		WP52401,WP51626,WP50159,WP51615				
22	I1389-07	MBDN05	SAM	01/25/17 10:58		OK
23	I1389-08	MBDN06	SAM	01/25/17 10:58		OK
24	I1389-09	MBDN07	SAM	01/25/17 10:58		OK
25	I1389-10	MBDN08	SAM	01/25/17 10:58		OK
26	I1389-11	MBDN11	SAM	01/25/17 10:58		OK
27	I1389-12	MBDN12	SAM	01/25/17 10:58		OK
28	I1389-13	MBDN13	SAM	01/25/17 10:58		OK
29	I1389-14	MBDN14	SAM	01/25/17 11:05		OK
30	I1389-15	MBDN15	SAM	01/25/17 11:05		OK
31	I1389-16	MBDN16	SAM	01/25/17 11:05		OK
32	I1389-17	MBDN17	SAM	01/25/17 11:05		OK
33	I1389-18	MBDN18	SAM	01/25/17 11:05		OK
34	I1389-19	MBDN19	SAM	01/25/17 11:05		OK
35	I1389-20	MBDN20	SAM	01/25/17 11:05		OK
36	I1389-21	MBDN21	SAM	01/25/17 11:05		OK
37	I1389-22	MBDN22	SAM	01/25/17 11:05		OK
38	CCV002	CCV002	CCV	01/25/17 11:05		OK
39	CCB002	CCB002	CCB	01/25/17 11:05		OK



Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB85490

SDG No.: LB85490

Contract: _____

Lab Code: CHEM

Case No.: LB85490

SAS No.: LB85490

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	93.2	99	94	0	85 - 115	CN	01/25/2017	10:50	LB85490



Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB85490

SDG No.: LB85490

Contract: _____ Lab Code: CHEM

Case No.: LB85490

SAS No.: LB85490

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	234	250	94	0	85 - 115	CN	01/25/2017	10:50	LB85490
CCV002	Cyanide	237	250	95	0	85 - 115	CN	01/25/2017	11:05	LB85490



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85490 **SDG No.:** LB85490
Contract: **Lab Code:** CHEM **Case No.:** LB85490 **SAS No.:** LB85490

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB	Cyanide	0.89	+/-10.0	U	5.0	10.0	CN	01/25/2017	10:50	LB85490



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85490

SDG No.: LB85490

Contract:

Lab Code: CHEM

Case No.: LB85490

SAS No.: LB85490

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB001	Cyanide	0.75	+/-10.0	U	5.0	10.0	CN	01/25/2017	10:50	LB85490
CCB002	Cyanide	0.69	+/-10.0	U	5.0	10.0	CN	01/25/2017	11:05	LB85490



Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB85490

SDG No.: LB85490

Contract: Lab Code: CHEM

Case No.: LB85490

SAS No.: LB85490

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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Report of Analysis

Client:		Date Collected:	12/16/2016 12:00:00 AM
Project:	LB85490	Date Received:	1/14/2017 12:00:00 AM
Client Sample ID:	ME5BQ5	SDG No.:	LB85490
Lab Sample ID:	I1227-01	Matrix:	Solid
Level (low/med):	low	% Solid:	98.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.052	U	1	0.055	0.012	0.5	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN01	SDG No.:	LB85490
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	0.065	U	1	0.066	0.015	0.6	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN02	SDG No.:	LB85490
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	0.03	U	1	0.062	0.014	0.56	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN03	SDG No.:	LB85490
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	0.065	J	1	0.062	0.014	0.56	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN04	SDG No.:	LB85490
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	0.016	U	1	0.065	0.015	0.59	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN05	SDG No.:	LB85490
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	0.086	J	1	0.059	0.013	0.54	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/20/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN06	SDG No.:	LB85490
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	0.029	U	1	0.06	0.014	0.54	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN07	SDG No.:	LB85490
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	0.024	U	1	0.059	0.013	0.54	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN08	SDG No.:	LB85490
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	0.12	J	1	0.058	0.013	0.53	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN11	SDG No.:	LB85490
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	0.16	J	1	0.06	0.014	0.55	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN12	SDG No.:	LB85490
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	0.028	U	1	0.06	0.014	0.54	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN13	SDG No.:	LB85490
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	0.22	J	1	0.081	0.018	0.74	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN14	SDG No.:	LB85490
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	0.048	U	1	0.073	0.017	0.66	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/17/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN15	SDG No.:	LB85490
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	0.98		1	0.066	0.015	0.6	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN16	SDG No.:	LB85490
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	0.029	U	1	0.062	0.014	0.57	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN17	SDG No.:	LB85490
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	0.04	U	1	0.063	0.014	0.58	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN18	SDG No.:	LB85490
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	0.048	U	1	0.062	0.014	0.57	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN19	SDG No.:	LB85490
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	0.078	J	1	0.069	0.016	0.63	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN20	SDG No.:	LB85490
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	0.024	U	1	0.064	0.015	0.58	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/19/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN21	SDG No.:	LB85490
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	0.074	J	1	0.067	0.015	0.61	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



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Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN22	SDG No.:	LB85490
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	0.057	J	1	0.057	0.013	0.52	mg/kg	01/24/2017	01/25/2017	ISM02.2_CN



Report of Analysis

Client:		Date Collected:	1/18/2017 12:00:00 AM
Project:	LB85490	Date Received:	1/21/2017 12:00:00 AM
Client Sample ID:	MBDN22	SDG No.:	LB85490
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



Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LB85490

SDG No.: LB85490

Instrument: CN

Sample ID	Analyte	Result (mg/kg)	Acceptance Limit	Conc Qual	LOD mg/kg	CRQL mg/kg	M	Analysis Date	Analysis Time	Run
PB96247BL	SOLID		Batch Number:		PB96247		Prep Date:		01/24/2017	
	Cyanide	0.038	<0.5	U	0.013	0.5	CN	01/25/2017	10:50	LB85490
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	0.047	<0.5	U	0.013	0.5	CN	01/25/2017	10:50	LB85490



metals
- 5a -
MATRIX SPIKE SUMMARY

client: LB85490 level: low sdg no.: LB85490
contract: lab code: CHEM case no.: LB85490 sas no.: LB85490
matrix: Solid sample id: I1227-01 client id: ME5BQ5S
Percent Solids for Sample: 98.4 Spiked ID: I1227-03 Percent Solids for Spike Sample: 98.4

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/kg	75 - 125	4.2		0.5	U	4.9	86		CN



metals
- 5a -
MATRIX SPIKE SUMMARY

client: LB85490 level: low sdg no.: LB85490
contract: lab code: CHEM case no.: LB85490 sas no.: LB85490
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	0.031	U	0.6	U	5.9	0	*	CN

Metals

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DUPLICATE SAMPLE SUMMARY

Client: LB85490 **Level:** LOW **SDG No.:** LB85490
Contract: **Lab Code:** CHEM **Case No.:** LB85490 **SAS No.:** LB85490
Matrix: Solid **Sample ID:** I1227-01 **Client ID:** ME5BQ5D
Percent Solids for Sample: 98.4 **Duplicate ID** I1227-02 **Percent Solids for Spike Sample:** 98.4

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/kg	20	0.5	U	0.035	U			CN

Metals

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DUPLICATE SAMPLE SUMMARY

Client: LB85490 **Level:** LOW **SDG No.:** LB85490
Contract: **Lab Code:** CHEM **Case No.:** LB85490 **SAS No.:** LB85490
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	0.051	U			CN

Metals
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SAMPLE PREPARATION SUMMARY

Client: <u>LB85490</u>	SDG No.: <u>LB85490</u>	
Contract: _____	Lab Code: <u>CHEM</u>	Method: _____
	Case No.: <u>LB85490</u>	SAS No.: <u>LB85490</u>

						Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Sample ID	Client ID	Sample Type	Matrix	Prep Date				
Batch Number: PB96247								
PB96247BL	PBS006	MB	SOLID	01/25/2017		1.00	50.0	100.00
I1227-01	ME5BQ5	SAM	SOLID	01/25/2017		1.02	50.0	98.40
I1227-02	ME5BQ5D	DUP	SOLID	01/25/2017		1.03	50.0	98.40
I1227-03	ME5BQ5S	MS	SOLID	01/25/2017		1.04	50.0	98.40



Metals
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SAMPLE PREPARATION SUMMARY

Client: LB85490 **SDG No.:** LB85490
Contract: **Lab Code:** CHEM **Method:**
Case No.: LB85490 **SAS No.:** LB85490

					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	01/25/2017	1.00	50.0	100.00
I1389-01	MBDN01	SAM	SOLID	01/25/2017	1.02	50.0	81.10
I1389-02	MBDN01D	DUP	SOLID	01/25/2017	1.03	50.0	81.10
I1389-03	MBDN01S	MS	SOLID	01/25/2017	1.04	50.0	81.10
I1389-04	MBDN02	SAM	SOLID	01/25/2017	1.05	50.0	84.70
I1389-05	MBDN03	SAM	SOLID	01/25/2017	1.03	50.0	86.30
I1389-06	MBDN04	SAM	SOLID	01/25/2017	1.02	50.0	82.90
I1389-07	MBDN05	SAM	SOLID	01/25/2017	1.04	50.0	89.90
I1389-08	MBDN06	SAM	SOLID	01/25/2017	1.05	50.0	87.70
I1389-09	MBDN07	SAM	SOLID	01/25/2017	1.03	50.0	90.20
I1389-10	MBDN08	SAM	SOLID	01/25/2017	1.02	50.0	92.20
I1389-11	MBDN11	SAM	SOLID	01/25/2017	1.04	50.0	88.00
I1389-12	MBDN12	SAM	SOLID	01/25/2017	1.03	50.0	89.20
I1389-13	MBDN13	SAM	SOLID	01/25/2017	1.02	50.0	66.70
I1389-14	MBDN14	SAM	SOLID	01/25/2017	1.01	50.0	74.60
I1389-15	MBDN15	SAM	SOLID	01/25/2017	1.03	50.0	81.50
I1389-16	MBDN16	SAM	SOLID	01/25/2017	1.04	50.0	84.80
I1389-17	MBDN17	SAM	SOLID	01/25/2017	1.03	50.0	84.10
I1389-18	MBDN18	SAM	SOLID	01/25/2017	1.02	50.0	86.40
I1389-19	MBDN19	SAM	SOLID	01/25/2017	1.03	50.0	77.50
I1389-20	MBDN20	SAM	SOLID	01/25/2017	1.02	50.0	84.10
I1389-21	MBDN21	SAM	SOLID	01/25/2017	1.04	50.0	79.00
I1389-22	MBDN22	SAM	SOLID	01/25/2017	1.03	50.0	92.90