

Daily Analysis Runlog For Sequence/QC Batch ID # LB89198

Review By

Review On

SubDirectory

LB89198

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP56861,WP56862,WP56863,WP56864,WP56865,WP56866,WP56867,WP56868
ICV Standard	WP56871
CCV Standard	WP56870
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP56869,WP55355,WP55836

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/02/17 10:33		OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/02/17 10:33		OK
3	10PPBCN	10PPBCN	CAL3	08/02/17 10:33		OK
4	50PPBCN	50PPBCN	CAL4	08/02/17 10:33		OK
5	100PPBCN	100PPBCN	CAL5	08/02/17 10:33		OK
6	250PPBCN	250PPBCN	CAL6	08/02/17 10:33		OK
7	500PPBCN	500PPBCN	CAL7	08/02/17 10:33		OK
8	ICV1	ICV1	ICV	08/02/17 16:27		OK
9	ICB1	ICB1	ICB	08/02/17 16:27		OK
10	CCV1	CCV1	CCV	08/02/17 16:27		OK
11	CCB1	CCB1	CCB	08/02/17 16:27		OK
12	PB101164BL	PB101164BL	MB	08/02/17 16:27		OK
13	I4534-04	72-11938	SAM	08/02/17 16:27		OK
14	I4534-04DUP	72-11938DUP	DUP	08/02/17 16:27		OK
15	I4539-04	TP-2	SAM	08/02/17 16:27		OK
16	I4539-08	TP-5	SAM	08/02/17 16:27		OK
17	I4540-03	72-12003	SAM	08/02/17 16:27		OK
18	I4540-07	72-12020	SAM	08/02/17 16:27		OK
19	I4540-11	72-11948	SAM	08/02/17 16:34		OK
20	I4540-15	72-11942	SAM	08/02/17 16:34		OK
21	I4540-19	VNJ-221	SAM	08/02/17 16:34		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB89198

Review By		Review On				
SubDirectory		LB89198		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP56861,WP56862,WP56863,WP56864,WP56865,WP56866,WP56867,WP56868				
ICV Standard		WP56871				
CCV Standard		WP56870				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP56869,WP55355,WP55836				
22	CCV2	CCV2	CCV	08/02/17 16:34		OK
23	CCB2	CCB2	CCB	08/02/17 16:34		OK
24	I4540-23	348	SAM	08/02/17 16:34		OK
25	I4541-03	VNJ-220	SAM	08/02/17 16:35		OK
26	I4541-07	72-11936	SAM	08/02/17 16:35		OK
27	I4541-11	VNJ-229	SAM	08/02/17 16:35		OK
28	I4541-15	72-11944	SAM	08/02/17 16:35		OK
29	I4542-03	A4129	SAM	08/02/17 16:35		OK
30	I4543-03	HR-05-073117-A	SAM	08/02/17 16:42		OK
31	I4543-06	HR-05-073117-B	SAM	08/02/17 16:42		OK
32	I4543-09	HR-05-073117-C	SAM	08/02/17 16:42		OK
33	PB101184BL	PB101184BL	MB	08/02/17 16:42		OK
34	CCV3	CCV3	CCV	08/02/17 16:42		OK
35	CCB3	CCB3	CCB	08/02/17 16:42		OK
36	I4558-05	B-6(0-10)COMP	SAM	08/02/17 16:42		OK
37	I4558-05DUP	B-6(0-10)COMPDUP	DUP	08/02/17 16:42		OK
38	I4558-06	B-5(0-10)COMP	SAM	08/02/17 16:42		OK
39	I4560-05	N-STOCKPILE-COM	SAM	08/02/17 16:42		OK
40	I4560-06	S-STOCKPILE-COM	SAM	08/02/17 16:42		OK
41	I4562-03	JC-02-080117-A	SAM	08/02/17 16:50		OK
42	I4562-06	JC-02-080117-B	SAM	08/02/17 16:50		OK
43	I4562-09	JC-02-080117-C	SAM	08/02/17 16:50		OK

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Review By		Review On				
SubDirectory		LB89198		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP56861,WP56862,WP56863,WP56864,WP56865,WP56866,WP56867,WP56868				
ICV Standard		WP56871				
CCV Standard		WP56870				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP56869,WP55355,WP55836				
44	I4562-12	JC-02-080117-D	SAM	08/02/17 16:50		OK
45	I4562-15	JC-02-080117-E	SAM	08/02/17 16:50		OK
46	CCV4	CCV4	CCV	08/02/17 16:50		OK
47	CCB4	CCB4	CCB	08/02/17 16:50		OK
48	I4562-18	JC-02-080117-F	SAM	08/02/17 16:50		OK
49	I4562-21	JC-02-080117-G	SAM	08/02/17 16:50		OK
50	I4562-24	JC-02-080117-H	SAM	08/02/17 16:50		OK
51	CCV5	CCV5	CCV	08/02/17 16:50		OK
52	CCB5	CCB5	CCB	08/02/17 16:52		OK



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-11938	SDG No.:	LB89198
Lab Sample ID:	I4534-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0081	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	LB89198
Lab Sample ID:	I4539-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.006	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	LB89198
Lab Sample ID:	I4539-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0041	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B

Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-12003	SDG No.:	LB89198
Lab Sample ID:	I4540-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0071	U	1	0.025		0.049	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-12020	SDG No.:	LB89198
Lab Sample ID:	I4540-07	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0089	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-11948	SDG No.:	LB89198
Lab Sample ID:	I4540-11	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.005	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-11942	SDG No.:	LB89198
Lab Sample ID:	I4540-15	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0061	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	VNJ-221	SDG No.:	LB89198
Lab Sample ID:	I4540-19	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0057	U	1	0.025		0.049	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	348	SDG No.:	LB89198
Lab Sample ID:	I4540-23	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0062	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	VNJ-220	SDG No.:	LB89198
Lab Sample ID:	I4541-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0078	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-11936	SDG No.:	LB89198
Lab Sample ID:	I4541-07	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0057	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	VNJ-229	SDG No.:	LB89198
Lab Sample ID:	I4541-11	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0051	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	LB89198
Lab Sample ID:	I4541-15	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0075	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	A4129	SDG No.:	LB89198
Lab Sample ID:	I4542-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0071	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	HR-05-073117-A	SDG No.:	LB89198
Lab Sample ID:	I4543-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0051	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	HR-05-073117-B	SDG No.:	LB89198
Lab Sample ID:	I4543-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0057	U	1	0.025		0.049	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	7/31/2017 12:00:00 AM
Project:	LB89198	Date Received:	7/31/2017 12:00:00 AM
Client Sample ID:	HR-05-073117-C	SDG No.:	LB89198
Lab Sample ID:	I4543-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0048	U	1	0.025		0.05	mg/Kg	08/01/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	B-6(0-10)COMP	SDG No.:	LB89198
Lab Sample ID:	I4558-05	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0072	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	B-5(0-10)COMP	SDG No.:	LB89198
Lab Sample ID:	I4558-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0071	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	N-STOCKPILE-COMP	SDG No.:	LB89198
Lab Sample ID:	I4560-05	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0075	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	S-STOCKPILE-COMP	SDG No.:	LB89198
Lab Sample ID:	I4560-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0072	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-A	SDG No.:	LB89198
Lab Sample ID:	I4562-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0058	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-B	SDG No.:	LB89198
Lab Sample ID:	I4562-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0077	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-C	SDG No.:	LB89198
Lab Sample ID:	I4562-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0072	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-D	SDG No.:	LB89198
Lab Sample ID:	I4562-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0073	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-E	SDG No.:	LB89198
Lab Sample ID:	I4562-15	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.012	U	1	0.025		0.049	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-F	SDG No.:	LB89198
Lab Sample ID:	I4562-18	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0081	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-G	SDG No.:	LB89198
Lab Sample ID:	I4562-21	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0069	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-H	SDG No.:	LB89198
Lab Sample ID:	I4562-24	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0057	U	1	0.025		0.05	mg/Kg	08/02/2017	08/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89198	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	JC-02-080117-H	SDG No.:	LB89198
Lab Sample ID:	I4562-24	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89198

SDG No.: LB89198

Contract:

Lab Code: CHEM

Case No.: LB89198

SAS No.: LB89198

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00097	+/-0.005	U		0.005		08/02/2017	16:27	LB89198



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89198

SDG No.: LB89198

Contract:

Lab Code: CHEM

Case No.: LB89198

SAS No.: LB89198

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00077	+/-0.005	U		0.005		08/02/2017	16:27	LB89198
CCB2	Reactive Cyanide	0.00067	+/-0.005	U		0.005		08/02/2017	16:34	LB89198
CCB3	Reactive Cyanide	0.001	+/-0.005	U		0.005		08/02/2017	16:42	LB89198
CCB4	Reactive Cyanide	0.0013	+/-0.005	U		0.005		08/02/2017	16:50	LB89198
CCB5	Reactive Cyanide	0.00074	+/-0.005	U		0.005		08/02/2017	16:52	LB89198



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89198

SDG No.: LB89198

Contract: Lab Code: CHEM

Case No.: LB89198

SAS No.: LB89198

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: LB89198

SDG No.: LB89198

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
PB101164BL	Reactive Cyanide	SOLID	<0.05	Batch Number:		PB101164		Prep Date:	08/01/2017	
		0.0078		U		0.05		08/02/2017	16:27	LB89198
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB101184BL	Reactive Cyanide	SOLID	<0.05	Batch Number:		PB101184		Prep Date:	08/02/2017	
		0.008		U		0.05		08/02/2017	16:42	LB89198

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89198 **Level:** LOW **SDG No.:** LB89198
Contract: **Lab Code:** CHEM **Case No.:** LB89198 **SAS No.:** LB89198
Matrix: Solid **Sample ID:** I4534-04 **Client ID:** 72-11938DUP
Percent Solids for Sample: 100 **Duplicate ID** I4534-04DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0077	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB89198 **Level:** LOW **SDG No.:** LB89198
Contract: **Lab Code:** CHEM **Case No.:** LB89198 **SAS No.:** LB89198
Matrix: Solid **Sample ID:** I4558-05 **Client ID:** B-6(0-10)COMPDU
Percent Solids for Sample: 100 **Duplicate ID** I4558-05DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0074	U			