

Daily Analysis Runlog For Sequence/QC Batch ID # LB91050

Review By

Review On

SubDirectory

LB91050

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP59025,WP59027,WP59028,WP59029,WP59030,WP59031,WP59032
ICV Standard	WP59035
CCV Standard	WP59033
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP59034,WP55836,WP55355

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/24/17 12:20		OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/24/17 12:20		OK
3	10PPBCN	10PPBCN	CAL3	10/24/17 12:20		OK
4	50PPBCN	50PPBCN	CAL4	10/24/17 12:20		OK
5	100PPBCN	100PPBCN	CAL5	10/24/17 12:20		OK
6	250PPBCN	250PPBCN	CAL6	10/24/17 12:20		OK
7	500PPBCN	500PPBCN	CAL7	10/24/17 12:20		OK
8	ICV1	ICV1	ICV	10/24/17 14:56		OK
9	ICB1	ICB1	ICB	10/24/17 14:56		OK
10	CCV1	CCV1	CCV	10/24/17 14:57		OK
11	CCB1	CCB1	CCB	10/24/17 14:57		OK
12	PB103564BL	PB103564BL	MB	10/24/17 14:57		OK
13	I6034-10	BAKER-TANK	SAM	10/24/17 14:57		OK
14	I6034-10DUP	BAKER-TANKDUP	DUP	10/24/17 15:04		OK
15	PB103563BL	PB103563BL	MB	10/24/17 15:04		OK
16	I6028-04	15-40-RT4651	SAM	10/24/17 15:04		OK
17	I6028-04DUP	15-40-RT4651DUP	DUP	10/24/17 15:04		OK
18	I6034-03	OILY-STONE	SAM	10/24/17 15:04		OK
19	I6044-06	NF-SOIL	SAM	10/24/17 15:04		OK
20	I6062-03	DRUM-1	SAM	10/24/17 15:04		OK
21	I6064-03	RT-4248-COMP	SAM	10/24/17 15:04		OK

Daily Analysis Runlog For Sequence/QC Batch ID # LB91050

Review By		Review On				
SubDirectory		LB91050		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59025,WP59027,WP59028,WP59029,WP59030,WP59031,WP59032				
ICV Standard		WP59035				
CCV Standard		WP59033				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59034,WP55836,WP55355				
22	CCV2	CCV2	CCV	10/24/17 15:04		OK
23	CCB2	CCB2	CCB	10/24/17 15:04		OK
24	I6064-06	72-11989-COMP	SAM	10/24/17 15:12		OK
25	I6064-09	72-11935-COMP	SAM	10/24/17 15:12		OK
26	I6065-01	DRUM	SAM	10/24/17 15:12		OK
27	I6069-03	OR-03-102017	SAM	10/24/17 15:12		OK
28	PB103606BL	PB103606BL	MB	10/24/17 15:12		OK
29	I6023-11	SB-01-COMP	SAM	10/24/17 15:12		OK
30	I6023-11DUP	SB-01-COMPDUP	DUP	10/24/17 15:12		OK
31	I6023-12	SB-02-COMP	SAM	10/24/17 15:12		OK
32	I6023-13	SB-03-COMP	SAM	10/24/17 15:12		OK
33	I6023-14	SB-04-COMP	SAM	10/24/17 15:12		OK
34	CCV3	CCV3	CCV	10/24/17 15:19		OK
35	CCB3	CCB3	CCB	10/24/17 15:19		OK
36	I6023-15	SB-05-COMP	SAM	10/24/17 15:19		OK
37	I6024-17	SB-06-COMP	SAM	10/24/17 15:19		OK
38	I6024-18	SB-07-COMP	SAM	10/24/17 15:19		OK
39	I6024-19	SB-08-COMP	SAM	10/24/17 15:19		OK
40	I6024-20	SB-09-COMP	SAM	10/24/17 15:19		OK
41	I6024-21	SB-10-COMP	SAM	10/24/17 15:19		OK
42	I6024-22	SB-11-COMP	SAM	10/24/17 15:19		OK
43	I6024-23	SB-12-COMP	SAM	10/24/17 15:19		OK

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Daily Analysis Runlog For Sequence/QC Batch ID # LB91050

Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB91050						
STD. NAME		STD REF.#				
ICAL Standard		WP59025,WP59027,WP59028,WP59029,WP59030,WP59031,WP59032				
ICV Standard		WP59035				
CCV Standard		WP59033				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59034,WP55836,WP55355				
44	I6024-24	SB-13-COMP	SAM	10/24/17 15:19		OK
45	I6085-07	ROLLOFF-28-20	SAM	10/24/17 15:26		OK
46	CCV4	CCV4	CCV	10/24/17 15:26		OK
47	CCB4	CCB4	CCB	10/24/17 15:26		OK
48	I6091-03	HD-01-102317	SAM	10/24/17 15:26		OK
49	PB103607BL	PB103607BL	MB	10/24/17 15:26		OK
50	I6090-02	FADW29217L	SAM	10/24/17 15:26		OK
51	I6090-02DUP	FADW29217LDUP	DUP	10/24/17 15:26		OK
52	CCV5	CCV5	CCV	10/24/17 15:26		OK
53	CCB5	CCB5	CCB	10/24/17 15:26		OK



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-01-COMP	SDG No.:	LB91050
Lab Sample ID:	I6023-11	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	-0.0024	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-02-COMP	SDG No.:	LB91050
Lab Sample ID:	I6023-12	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	-0.0012	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-03-COMP	SDG No.:	LB91050
Lab Sample ID:	I6023-13	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	-0.0032	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-04-COMP	SDG No.:	LB91050
Lab Sample ID:	I6023-14	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	-0.0027	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-05-COMP	SDG No.:	LB91050
Lab Sample ID:	I6023-15	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	-0.002	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-06-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-17	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	-0.0014	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-07-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-18	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	-0.0012	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-08-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-19	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	-0.0016	U	1	0.025		0.049	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-09-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-20	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	-0.0032	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-10-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-21	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	-0.0019	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-11-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-22	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	-0.0028	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-12-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-23	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	-0.0035	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/18/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	SB-13-COMP	SDG No.:	LB91050
Lab Sample ID:	I6024-24	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	-0.0031	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	15-40-RT4651	SDG No.:	LB91050
Lab Sample ID:	I6028-04	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	-0.0007	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	OILY-STONE	SDG No.:	LB91050
Lab Sample ID:	I6034-03	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	-0.0011	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	BAKER-TANK	SDG No.:	LB91050
Lab Sample ID:	I6034-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00019	U	1	0.0025		0.005	mg/L	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	NF-SOIL	SDG No.:	LB91050
Lab Sample ID:	I6044-06	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	0.00032	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	DRUM-1	SDG No.:	LB91050
Lab Sample ID:	I6062-03	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	-0.0011	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	RT-4248-COMP	SDG No.:	LB91050
Lab Sample ID:	I6064-03	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	-0.0007	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	72-11989-COMP	SDG No.:	LB91050
Lab Sample ID:	I6064-06	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	-0.0017	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	72-11935-COMP	SDG No.:	LB91050
Lab Sample ID:	I6064-09	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	-0.0032	U	1	0.025		0.049	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	DRUM	SDG No.:	LB91050
Lab Sample ID:	I6065-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00041	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/20/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/20/2017 12:00:00 AM
Client Sample ID:	OR-03-102017	SDG No.:	LB91050
Lab Sample ID:	I6069-03	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	-0.0032	U	1	0.025		0.05	mg/Kg	10/23/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	ROLLOFF-28-20	SDG No.:	LB91050
Lab Sample ID:	I6085-07	Matrix:	Solid
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00076	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	FADW29217L	SDG No.:	LB91050
Lab Sample ID:	I6090-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0001	U	1	0.0025		0.005	mg/L	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	HD-01-102317	SDG No.:	LB91050
Lab Sample ID:	I6091-03	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	-0.0016	U	1	0.025		0.05	mg/Kg	10/24/2017	10/24/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91050	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	HD-01-102317	SDG No.:	LB91050
Lab Sample ID:	I6091-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB91050

SDG No.: LB91050

Contract: _____

Lab Code: CHEM

Case No.: LB91050

SAS No.: LB91050

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	Reactive Cyanide	0.099	0.099	100	0	85 - 115		10/24/2017	14:56	LB91050



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB91050

SDG No.: LB91050

Contract: _____ Lab Code: CHEM

Case No.: LB91050

SAS No.: LB91050

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	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/24/2017	14:57	LB91050
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/24/2017	15:04	LB91050
CCV3	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/24/2017	15:19	LB91050
CCV4	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/24/2017	15:26	LB91050
CCV5	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/24/2017	15:26	LB91050



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91050

SDG No.: LB91050

Contract:

Lab Code: CHEM

Case No.: LB91050

SAS No.: LB91050

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0018	+/-0.005	U		0.005		10/24/2017	14:56	LB91050

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.002	+/-0.005	U		0.005		10/24/2017	14:57	LB91050
CCB2	Reactive Cyanide	0.0018	+/-0.005	U		0.005		10/24/2017	15:04	LB91050
CCB3	Reactive Cyanide	0.00032	+/-0.005	U		0.005		10/24/2017	15:19	LB91050
CCB4	Reactive Cyanide	0.00039	+/-0.005	U		0.005		10/24/2017	15:26	LB91050
CCB5	Reactive Cyanide	0.0005	+/-0.005	U		0.005		10/24/2017	15:26	LB91050



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91050

SDG No.: LB91050

Contract: Lab Code: CHEM

Case No.: LB91050

SAS No.: LB91050

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: LB91050

SDG No.: LB91050

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
PB103563BL	Reactive Cyanide	SOLID		Batch Number:		PB103563		Prep Date:	10/23/2017	
		0.017	<0.05	U		0.05		10/24/2017	15:04	LB91050
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB103564BL	Reactive Cyanide	WATER		Batch Number:		PB103564		Prep Date:	10/23/2017	
		0.0017	<0.005	U		0.005		10/24/2017	14:57	LB91050
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB103606BL	Reactive Cyanide	SOLID		Batch Number:		PB103606		Prep Date:	10/24/2017	
		0.0017	<0.05	U		0.05		10/24/2017	15:12	LB91050
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB103607BL	Reactive Cyanide	WATER		Batch Number:		PB103607		Prep Date:	10/24/2017	
		0.00035	<0.005	U		0.005		10/24/2017	15:26	LB91050

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91050 **Level:** LOW **SDG No.:** LB91050
Contract: **Lab Code:** CHEM **Case No.:** LB91050 **SAS No.:** LB91050
Matrix: Solid **Sample ID:** I6023-11 **Client ID:** SB-01-COMPDUP
Percent Solids for Sample: 100 **Duplicate ID** I6023-11DUP **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	-0.0037	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91050 **Level:** LOW **SDG No.:** LB91050
Contract: **Lab Code:** CHEM **Case No.:** LB91050 **SAS No.:** LB91050
Matrix: Solid **Sample ID:** I6028-04 **Client ID:** 15-40-RT4651DUP
Percent Solids for Sample: 100 **Duplicate ID** I6028-04DUP **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	-0.00091	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91050 **Level:** LOW **SDG No.:** LB91050
Contract: **Lab Code:** CHEM **Case No.:** LB91050 **SAS No.:** LB91050
Matrix: WATER **Sample ID:** I6034-10 **Client ID:** BAKER-TANKDUP
Percent Solids for Sample: 0 **Duplicate ID** I6034-10DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	-0.00011	U			

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB91050 **Level:** LOW **SDG No.:** LB91050
Contract: _____ **Lab Code:** CHEM **Case No.:** LB91050 **SAS No.:** LB91050
Matrix: WATER **Sample ID:** I6090-02 **Client ID:** FADW29217LDUP
Percent Solids for Sample: 0 **Duplicate ID** I6090-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U		0	U		