

Daily Analysis Runlog For Sequence/QC Batch ID # LB90919

Review By		Review On				
SubDirectory		LB90919		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP58852,WP58853,WP58854,WP58855,WP58856,WP58857,WP58850				
ICV Standard		WP58859				
CCV Standard		WP58858				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP58860,WP55355,WP55836				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/18/17 10:17		OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/18/17 10:17		OK
3	10PPBCN	10PPBCN	CAL3	10/18/17 10:17		OK
4	50PPBCN	50PPBCN	CAL4	10/18/17 10:17		OK
5	100PPBCN	100PPBCN	CAL5	10/18/17 10:17		OK
6	250PPBCN	250PPBCN	CAL6	10/18/17 10:17		OK
7	500PPBCN	500PPBCN	CAL7	10/18/17 10:17		OK
8	ICV1	ICV1	ICV	10/18/17 15:21		OK
9	ICB1	ICB1	ICB	10/18/17 15:21		OK
10	CCV1	CCV1	CCV	10/18/17 15:21		OK
11	CCB1	CCB1	CCB	10/18/17 15:21		OK
12	PB103384BL	PB103384BL	MB	10/18/17 15:21		OK
13	I5896-03	B-19(0-10)COMP	SAM	10/18/17 15:21		OK
14	I5896-03DUP	B-19(0-10)COMPDU	DUP	10/18/17 15:29		OK
15	I5901-02	S-2-20170689	SAM	10/18/17 15:29		OK
16	I5901-04	S-4-20170691	SAM	10/18/17 15:29		OK
17	I5901-07	S-7-20170694	SAM	10/18/17 15:29		OK
18	I5901-11	S-3-20170690	SAM	10/18/17 15:29		OK
19	I5901-12	S-5-20170692	SAM	10/18/17 15:29		OK
20	I5953-03	EO-02-101717-A	SAM	10/18/17 15:37		OK
21	I5953-06	EO-02-101717-B	SAM	10/18/17 15:37		OK

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ICAL Standard		WP58852,WP58853,WP58854,WP58855,WP58856,WP58857,WP58850				
ICV Standard		WP58859				
CCV Standard		WP58858				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP58860,WP55355,WP55836				
22	CCV2	CCV2	CCV	10/18/17 15:37		OK
23	CCB2	CCB2	CCB	10/18/17 15:37		OK
24	I5905-03DUP	GROUNDWATERDU	DUP	10/18/17 15:37		OK
25	I5905-01	SOIL-CUTTINGS-96	SAM	10/18/17 15:44		OK
26	I5905-02	SOIL-CUTTINGS-96	SAM	10/18/17 15:44		OK
27	I5929-04	TP-1-COMP	SAM	10/18/17 15:44		OK
28	I5929-08	TP-2-COMP	SAM	10/18/17 15:44		OK
29	I5929-12	TP-1-2-COMP	SAM	10/18/17 15:44		OK
30	I5935-03	CL-02-101617-A	SAM	10/18/17 15:44		OK
31	I5935-06	CL-02-101617-B	SAM	10/18/17 15:44		OK
32	I5935-09	CL-02-101617-C	SAM	10/18/17 15:44		OK
33	I5935-12	CL-02-101617-D	SAM	10/18/17 15:49		OK
34	CCV3	CCV3	CCV	10/18/17 15:49		OK
35	CCB3	CCB3	CCB	10/18/17 15:49		OK
36	I5931-03	BU-01-101617	SAM	10/18/17 15:49		OK
37	I5901-10	S-1-20170688	SAM	10/18/17 16:00		OK
38	I5901-13	S-6-20170693	SAM	10/18/17 16:01		OK
39	I5935-15	CL-02-101617-E	SAM	10/18/17 16:07		OK
40	PB103405BL	PB103405BL	MB	10/18/17 16:07		OK
41	I5943-03	SU-03-101717	SAM	10/18/17 16:07		OK
42	I5943-03DUP	SU-03-101717DUP	DUP	10/18/17 16:07		OK
43	I5951-03	294-COMP	SAM	10/18/17 16:07		OK

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SubDirectory		Test : Reactive Cyanide				
LB90919						
STD. NAME		STD REF.#				
ICAL Standard		WP58852,WP58853,WP58854,WP58855,WP58856,WP58857,WP58850				
ICV Standard		WP58859				
CCV Standard		WP58858				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP58860,WP55355,WP55836				
44	I5952-03	RO-COMP	SAM	10/18/17 16:07		OK
45	CCV4	CCV4	CCV	10/18/17 16:07		OK
46	CCB4	CCB4	CCB	10/18/17 16:09		OK
47	PB103404BL	PB103404BL	MB	10/18/17 16:34		OK
48	I5905-03	GROUNDWATER	SAM	10/18/17 16:34		OK
49	CCV5	CCV5	CCV	10/18/17 16:34		OK
50	CCB5	CCB5	CCB	10/18/17 16:34		OK



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Report of Analysis

Client:		Date Collected:	10/13/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	B-19(0-10)COMP	SDG No.:	LB90919
Lab Sample ID:	I5896-03	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	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-2-20170689	SDG No.:	LB90919
Lab Sample ID:	I5901-02	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	-0.0023	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-4-20170691	SDG No.:	LB90919
Lab Sample ID:	I5901-04	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	0.0001	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-7-20170694	SDG No.:	LB90919
Lab Sample ID:	I5901-07	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	0.0064	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-1-20170688	SDG No.:	LB90919
Lab Sample ID:	I5901-10	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	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-3-20170690	SDG No.:	LB90919
Lab Sample ID:	I5901-11	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	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-5-20170692	SDG No.:	LB90919
Lab Sample ID:	I5901-12	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	0.0035	U	1	0.025		0.049	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/12/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	S-6-20170693	SDG No.:	LB90919
Lab Sample ID:	I5901-13	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	0.00093	U	1	0.025		0.049	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/13/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS-9601	SDG No.:	LB90919
Lab Sample ID:	I5905-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.4

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	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/13/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	SOIL-CUTTINGS-9698	SDG No.:	LB90919
Lab Sample ID:	I5905-02	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0026	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/13/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/13/2017 12:00:00 AM
Client Sample ID:	GROUNDWATER	SDG No.:	LB90919
Lab Sample ID:	I5905-03	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	-0.00013	U	1	0.0025		0.005	mg/L	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	TP-1-COMP	SDG No.:	LB90919
Lab Sample ID:	I5929-04	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.
	Reactive Cyanide	-0.0019	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	TP-2-COMP	SDG No.:	LB90919
Lab Sample ID:	I5929-08	Matrix:	Solid
Level (low/med):	low	% Solid:	93.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.00029	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	TP-1-2-COMP	SDG No.:	LB90919
Lab Sample ID:	I5929-12	Matrix:	Solid
Level (low/med):	low	% Solid:	93.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0018	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	BU-01-101617	SDG No.:	LB90919
Lab Sample ID:	I5931-03	Matrix:	Solid
Level (low/med):	low	% Solid:	91.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.003	U	1	0.025		0.049	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	CL-02-101617-A	SDG No.:	LB90919
Lab Sample ID:	I5935-03	Matrix:	Solid
Level (low/med):	low	% Solid:	90.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0015	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	CL-02-101617-B	SDG No.:	LB90919
Lab Sample ID:	I5935-06	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.
	Reactive Cyanide	-0.0016	U	1	0.025		0.049	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	CL-02-101617-C	SDG No.:	LB90919
Lab Sample ID:	I5935-09	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.
	Reactive Cyanide	-0.0026	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	CL-02-101617-D	SDG No.:	LB90919
Lab Sample ID:	I5935-12	Matrix:	Solid
Level (low/med):	low	% Solid:	93.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/16/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/16/2017 12:00:00 AM
Client Sample ID:	CL-02-101617-E	SDG No.:	LB90919
Lab Sample ID:	I5935-15	Matrix:	Solid
Level (low/med):	low	% Solid:	90.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00074	U	1	0.025		0.05	mg/Kg	10/17/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	SU-03-101717	SDG No.:	LB90919
Lab Sample ID:	I5943-03	Matrix:	Solid
Level (low/med):	low	% Solid:	96.1

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	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	294-COMP	SDG No.:	LB90919
Lab Sample ID:	I5951-03	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	-0.00049	U	1	0.025		0.05	mg/Kg	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	RO-COMP	SDG No.:	LB90919
Lab Sample ID:	I5952-03	Matrix:	Solid
Level (low/med):	low	% Solid:	87.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0018	U	1	0.025		0.05	mg/Kg	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	EO-02-101717-A	SDG No.:	LB90919
Lab Sample ID:	I5953-03	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.
	Reactive Cyanide	-0.0023	U	1	0.025		0.05	mg/Kg	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	EO-02-101717-B	SDG No.:	LB90919
Lab Sample ID:	I5953-06	Matrix:	Solid
Level (low/med):	low	% Solid:	92.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0015	U	1	0.025		0.05	mg/Kg	10/18/2017	10/18/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/17/2017 12:00:00 AM
Project:	LB90919	Date Received:	10/17/2017 12:00:00 AM
Client Sample ID:	EO-02-101717-B	SDG No.:	LB90919
Lab Sample ID:	I5953-06	Matrix:	Solid
Level (low/med):	low	% Solid:	92.8

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: LB90919

SDG No.: LB90919

Contract: _____

Lab Code: CHEM

Case No.: LB90919

SAS No.: LB90919

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	0.098	0.099	99	0	85 - 115		10/18/2017	15:21	LB90919



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB90919

SDG No.: LB90919

Contract: _____ Lab Code: CHEM

Case No.: LB90919

SAS No.: LB90919

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		10/18/2017	15:21	LB90919
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/18/2017	15:37	LB90919
CCV3	Reactive Cyanide	0.26	0.25	104	0	90 - 110		10/18/2017	15:49	LB90919
CCV4	Reactive Cyanide	0.26	0.25	104	0	90 - 110		10/18/2017	16:07	LB90919
CCV5	Reactive Cyanide	0.26	0.25	104	0	90 - 110		10/18/2017	16:34	LB90919



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90919 **SDG No.:** LB90919
Contract: **Lab Code:** CHEM **Case No.:** LB90919 **SAS No.:** LB90919

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0	+/-0.005	U		0.005		10/18/2017	15:21	LB90919

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0001	+/-0.005	U		0.005		10/18/2017	15:21	LB90919
CCB2	Reactive Cyanide	0.00029	+/-0.005	U		0.005		10/18/2017	15:37	LB90919
CCB3	Reactive Cyanide	0.0011	+/-0.005	U		0.005		10/18/2017	15:49	LB90919
CCB4	Reactive Cyanide	0.0013	+/-0.005	U		0.005		10/18/2017	16:09	LB90919
CCB5	Reactive Cyanide	0.0001	+/-0.005	U		0.005		10/18/2017	16:34	LB90919



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90919

SDG No.: LB90919

Contract: Lab Code: CHEM

Case No.: LB90919

SAS No.: LB90919

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: LB90919

SDG No.: LB90919

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
PB103384BL	Reactive Cyanide	SOLID		Batch Number:		PB103384		Prep Date:	10/17/2017	
		-0.0015	<0.05	U		0.05		10/18/2017	15:21	LB90919
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB103404BL	Reactive Cyanide	WATER		Batch Number:		PB103404		Prep Date:	10/18/2017	
		-0.0001	<0.005	U		0.005		10/18/2017	16:34	LB90919
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB103405BL	Reactive Cyanide	SOLID		Batch Number:		PB103405		Prep Date:	10/18/2017	
		-0.00056	<0.05	U		0.05		10/18/2017	16:07	LB90919

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB90919 **Level:** LOW **SDG No.:** LB90919
Contract: **Lab Code:** CHEM **Case No.:** LB90919 **SAS No.:** LB90919
Matrix: Solid **Sample ID:** I5896-03 **Client ID:** B-19(0-10)COMPDUP
Percent Solids for Sample: 100 **Duplicate ID** I5896-03DUP **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	-0.0001	U			



GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB90919 **Level:** LOW **SDG No.:** LB90919
Contract: **Lab Code:** CHEM **Case No.:** LB90919 **SAS No.:** LB90919
Matrix: WATER **Sample ID:** I5905-03 **Client ID:** GROUNDWATERDUP
Percent Solids for Sample: 0 **Duplicate ID** I5905-03DUP **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			

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB90919 **Level:** LOW **SDG No.:** LB90919
Contract: **Lab Code:** CHEM **Case No.:** LB90919 **SAS No.:** LB90919
Matrix: Solid **Sample ID:** I5943-03 **Client ID:** SU-03-101717DUP
Percent Solids for Sample: 96.1 **Duplicate ID** I5943-03DUP **Percent Solids for Spike Sample:** 96.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.00051	U			