

Daily Analysis Runlog For Sequence/QC Batch ID # LB91140

Review By		Review On				
SubDirectory		LB91140		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59131,WP59132,WP59133,WP59134,WP59135,WP59136,WP59129				
ICV Standard		WP59138				
CCV Standard		WP59139				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55836,WP55355,WP59137				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/26/17 13:28		OK
2	5.0PPBCN	5.0PPBCN	CAL2	10/26/17 13:28		OK
3	10PPBCN	10PPBCN	CAL3	10/26/17 13:28		OK
4	50PPBCN	50PPBCN	CAL4	10/26/17 13:28		OK
5	100PPBCN	100PPBCN	CAL5	10/26/17 13:28		OK
6	250PPBCN	250PPBCN	CAL6	10/26/17 13:28		OK
7	500PPBCN	500PPBCN	CAL7	10/26/17 13:28		OK
8	ICV1	ICV1	ICV	10/26/17 17:36		OK
9	ICB1	ICB1	ICB	10/26/17 17:36		OK
10	CCV1	CCV1	CCV	10/26/17 17:36		OK
11	CCB1	CCB1	CCB	10/26/17 17:36		OK
12	PB103655BL	PB103655BL	MB	10/26/17 17:36		OK
13	I6093-10	TEC-B6-B7-COMP-0	SAM	10/26/17 17:36		OK
14	I6093-10DUP	TEC-B6-B7-COMP-0	DUP	10/26/17 17:43		OK
15	I6093-11	TEC-B6-B7-COMP-4	SAM	10/26/17 17:43		OK
16	I6093-12	TEC-B8-B9-COMP-1	SAM	10/26/17 17:43		OK
17	I6093-13	TEC-B8-B9-COMP-4	SAM	10/26/17 17:43		OK
18	I6094-01	NH-WEST-COMP(0-3	SAM	10/26/17 17:43		OK
19	I6094-02	COMMACK-WEST-C	SAM	10/26/17 17:43		OK
20	I6094-03	COMMACK-EAST-C	SAM	10/26/17 17:43		OK
21	I6094-05	S-18THST-WEST-C	SAM	10/26/17 17:43		OK

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SubDirectory		LB91140		Test : Reactive Cyanide		
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ICAL Standard		WP59131,WP59132,WP59133,WP59134,WP59135,WP59136,WP59129				
ICV Standard		WP59138				
CCV Standard		WP59139				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55836,WP55355,WP59137				
22	CCV2	CCV2	CCV	10/26/17 17:43		OK
23	CCB2	CCB2	CCB	10/26/17 17:44		OK
24	I6094-06	ISLIP-EAST-COMP(C	SAM	10/26/17 17:44	CCV3 fails	Not Ok
25	I6094-07	ISLIP-WEST-COMP(C	SAM	10/26/17 17:51	CCV3 fails	Not Ok
26	I6138-08	220-3A-B-CONCRETE	SAM	10/26/17 17:51	CCV3 fails	Not Ok
27	I6141-03	SP-1-A-COMP	SAM	10/26/17 17:51	CCV3 fails	Not Ok
28	I6141-06	SP-1-B-COMP	SAM	10/26/17 17:51	CCV3 fails	Not Ok
29	I6146-03	AU-06-102517-A	SAM	10/26/17 17:51	CCV3 fails	Not Ok
30	I6146-06	AU-06-102517-B	SAM	10/26/17 17:51	CCV3 fails	Not Ok
31	I6146-09	AU-06-102517-C	SAM	10/26/17 17:51	CCV3 fails	Not Ok
32	I6138-04	220-3A-B-STONES	SAM	10/26/17 17:51	CCV3 fails	Not Ok
33	I6094-04	S-18THST-EAST-CO	SAM	10/26/17 18:10	CCV3 fails	Not Ok
34	CCV3	CCV3	CCV	10/26/17 18:10	failing in 2A	OK
35	CCB3	CCB3	CCB	10/26/17 18:10		OK



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	TEC-B6-B7-COMP-0-4	SDG No.:	LB91140
Lab Sample ID:	I6093-10	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	-0.01	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	TEC-B6-B7-COMP-4-12	SDG No.:	LB91140
Lab Sample ID:	I6093-11	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	0.0018	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	TEC-B8-B9-COMP-1-4	SDG No.:	LB91140
Lab Sample ID:	I6093-12	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	0.0018	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/23/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/23/2017 12:00:00 AM
Client Sample ID:	TEC-B8-B9-COMP-4-12	SDG No.:	LB91140
Lab Sample ID:	I6093-13	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	0.0022	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	NH-WEST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-01	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	0.00081	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	COMMACK-WEST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-02	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	0.0021	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	COMMACK-EAST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-03	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	0.0012	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	S-18THST-EAST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-04	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	0.00015	U	1	0.025		0.049	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	S-18THST-WEST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-05	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	0.0027	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	ISLIP-EAST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-06	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	0.0016	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	ISLIP-WEST-COMP(0-3)	SDG No.:	LB91140
Lab Sample ID:	I6094-07	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	-0.00045	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	220-3A-B-STONES	SDG No.:	LB91140
Lab Sample ID:	I6138-04	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	0.001	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	220-3A-B-CONCRETE	SDG No.:	LB91140
Lab Sample ID:	I6138-08	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	0.00024	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	SP-1-A-COMP	SDG No.:	LB91140
Lab Sample ID:	I6141-03	Matrix:	Solid
Level (low/med):	low	% Solid:	85.7

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	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	SP-1-B-COMP	SDG No.:	LB91140
Lab Sample ID:	I6141-06	Matrix:	Solid
Level (low/med):	low	% Solid:	88.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00054	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	AU-06-102517-A	SDG No.:	LB91140
Lab Sample ID:	I6146-03	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	0.00042	U	1	0.025		0.049	mg/Kg	10/26/2017	10/26/2017	9012B

Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	AU-06-102517-B	SDG No.:	LB91140
Lab Sample ID:	I6146-06	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	0.0011	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	AU-06-102517-C	SDG No.:	LB91140
Lab Sample ID:	I6146-09	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	0.0007	U	1	0.025		0.05	mg/Kg	10/26/2017	10/26/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/25/2017 12:00:00 AM
Project:	LB91140	Date Received:	10/25/2017 12:00:00 AM
Client Sample ID:	AU-06-102517-C	SDG No.:	LB91140
Lab Sample ID:	I6146-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB91140

SDG No.: LB91140

Contract: _____ Lab Code: CHEM

Case No.: LB91140

SAS No.: LB91140

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	0.26	0.25	104	0	90 - 110		10/26/2017	17:36	LB91140
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		10/26/2017	17:43	LB91140
CCV3	Reactive Cyanide	0.28	0.25	112	0	90 - 110		10/26/2017	18:10	LB91140



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91140

SDG No.: LB91140

Contract:

Lab Code: CHEM

Case No.: LB91140

SAS No.: LB91140

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00033	+/-0.005	U		0.005		10/26/2017	17:36	LB91140

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0007	+/-0.005	U		0.005		10/26/2017	17:36	LB91140
CCB2	Reactive Cyanide	0.00073	+/-0.005	U		0.005		10/26/2017	17:44	LB91140
CCB3	Reactive Cyanide	0.00013	+/-0.005	U		0.005		10/26/2017	18:10	LB91140



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91140

SDG No.: LB91140

Contract: Lab Code: CHEM

Case No.: LB91140

SAS No.: LB91140

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: LB91140

SDG No.: LB91140

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
PB103655BL	Reactive Cyanide	SOLID 0.0039	<0.05	Batch Number: U		PB103655 0.05		Prep Date: 10/26/2017	10/26/2017 17:36	LB91140

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB91140 **Level:** LOW **SDG No.:** LB91140
Contract: **Lab Code:** CHEM **Case No.:** LB91140 **SAS No.:** LB91140
Matrix: Solid **Sample ID:** I6093-10 **Client ID:** TEC-B6-B7-COMP-0-4DUP
Percent Solids for Sample: 100 **Duplicate ID** I6093-10DUP **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	0.001	U			