

Daily Analysis Runlog For Sequence/QC Batch ID # LB93049

Review By		Review On				
SubDirectory		LB93049		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61523,WP61524,WP61525,WP61526,WP61527,WP61528,WP61529				
ICV Standard		WP61531				
CCV Standard		WP61530				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP61532,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/01/18 11:50		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/01/18 11:50		OK
3	10PPBCN	10PPBCN	CAL3	02/01/18 11:50		OK
4	50PPBCN	50PPBCN	CAL4	02/01/18 11:50		OK
5	100PPBCN	100PPBCN	CAL5	02/01/18 11:50		OK
6	250PPBCN	250PPBCN	CAL6	02/01/18 11:50		OK
7	500PPBCN	500PPBCN	CAL7	02/01/18 11:50		OK
8	ICV1	ICV1	ICV	02/01/18 13:26		OK
9	ICB1	ICB1	ICB	02/01/18 13:26		OK
10	CCV1	CCV1	CCV	02/01/18 13:26		OK
11	CCB1	CCB1	CCB	02/01/18 13:26		OK
12	PB106248BL	PB106248BL	MB	02/01/18 13:26		OK
13	J1014-04	HD-02-013118	SAM	02/01/18 13:26		OK
14	J1014-04DUP	HD-02-013118DUP	DUP	02/01/18 13:26		OK
15	J1022-13	SU-04-013118	SAM	02/01/18 13:31		OK
16	J1413-06	SOIL-1	SAM	02/01/18 13:31		OK
17	J1413-11	SOIL-2	SAM	02/01/18 13:31		OK
18	CCV2	CCV2	CCV	02/01/18 13:31		OK
19	CCB2	CCB2	CCB	02/01/18 13:31		OK



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Report of Analysis

Client:		Date Collected:	1/31/2018 12:00:00 AM
Project:	LB93049	Date Received:	1/31/2018 12:00:00 AM
Client Sample ID:	HD-02-013118	SDG No.:	LB93049
Lab Sample ID:	J1014-04	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	-0.0011	U	1	0.025		0.05	mg/Kg	02/01/2018	02/01/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/31/2018 12:00:00 AM
Project:	LB93049	Date Received:	1/31/2018 12:00:00 AM
Client Sample ID:	SU-04-013118	SDG No.:	LB93049
Lab Sample ID:	J1022-13	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	-0.0017	U	1	0.025		0.05	mg/Kg	02/01/2018	02/01/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/31/2018 12:00:00 AM
Project:	LB93049	Date Received:	1/31/2018 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	LB93049
Lab Sample ID:	J1413-06	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	-0.0041	U	1	0.025		0.05	mg/Kg	02/01/2018	02/01/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/31/2018 12:00:00 AM
Project:	LB93049	Date Received:	1/31/2018 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	LB93049
Lab Sample ID:	J1413-11	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	-0.0027	U	1	0.025		0.05	mg/Kg	02/01/2018	02/01/2018	9012B



Report of Analysis

Client:		Date Collected:	1/31/2018 12:00:00 AM
Project:	LB93049	Date Received:	1/31/2018 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	LB93049
Lab Sample ID:	J1413-11	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB93049

SDG No.: LB93049

Contract: _____ Lab Code: CHEM

Case No.: LB93049

SAS No.: LB93049

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.096	0.099	97		85 - 115		02/01/2018	13:26	lb93049



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93049

SDG No.: LB93049

Contract: _____ Lab Code: CHEM

Case No.: LB93049

SAS No.: LB93049

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.24	0.25	96		90 - 110		02/01/2018	13:26	lb93049
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		02/01/2018	13:31	lb93049



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93049 **SDG No.:** LB93049
Contract: **Lab Code:** CHEM **Case No.:** LB93049 **SAS No.:** LB93049

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		02/01/2018	13:26	lb93049



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93049

SDG No.: LB93049

Contract: _____

Lab Code: CHEM

Case No.: LB93049

SAS No.: LB93049

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		02/01/2018	13:26	lb93049
CCB2	Reactive Cyanide	0.00012	+/-0.005	U		0.005		02/01/2018	13:31	lb93049



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93049

SDG No.: LB93049

Contract: Lab Code: CHEM

Case No.: LB93049

SAS No.: LB93049

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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- 3b -
PREPARATION BLANK SUMMARY

Client: LB93049

SDG No.: LB93049

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
PB106248BL	Reactive Cyanide	SOLID -0.0015	<0.05	Batch Number: U		PB106248 0.05		Prep Date: 02/01/2018	02/01/2018 13:26	lb93049

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DUPLICATE SAMPLE SUMMARY

Client: LB93049 **Level:** LOW **SDG No.:** LB93049
Contract: **Lab Code:** CHEM **Case No.:** LB93049 **SAS No.:** LB93049
Matrix: Solid **Sample ID:** J1014-04 **Client ID:** HD-02-013118DUP
Percent Solids for Sample: 100 **Duplicate ID** J1014-04DUP **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	-0.0016	U			