

Daily Analysis Runlog For Sequence/QC Batch ID # LB94734

Review By		Review On				
SubDirectory		LB94734		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP63810,WP63811,WP63812,WP63813,WP63814,WP63815,WP63816
ICV Standard	WP63818
CCV Standard	WP63817
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP63819,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/19/18 08:22		
2	5.0PPBCN	5.0PPBCN	CAL2	04/19/18 08:22		
3	10PPBCN	10PPBCN	CAL3	04/19/18 08:22		
4	50PPBCN	50PPBCN	CAL4	04/19/18 08:22		
5	100PPBCN	100PPBCN	CAL5	04/19/18 08:22		
6	250PPBCN	250PPBCN	CAL6	04/19/18 08:22		
7	500PPBCN	500PPBCN	CAL7	04/19/18 08:22		
8	ICV1	ICV1	ICV	04/19/18 11:41		
9	ICB1	ICB1	ICB	04/19/18 11:41		
10	CCV1	CCV1	CCV	04/19/18 11:41		
11	CCB1	CCB1	CCB	04/19/18 11:41		
12	PB108393BL	PB108393BL	MB	04/19/18 11:41		
13	J2157-12	CL-02-041818	SAM	04/19/18 11:41		
14	J2157-12DUP	CL-02-041818DUP	DUP	04/19/18 11:41		
15	J2165-06	SU-01-041818	SAM	04/19/18 11:41		
16	J2439-03	CDMP-WC1	SAM	04/19/18 11:41		
17	CCV2	CCV2	CCV	04/19/18 11:41		
18	CCB2	CCB2	CCB	04/19/18 11:41		



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Report of Analysis

Client:		Date Collected:	4/18/2018 12:00:00 AM
Project:	LB94734	Date Received:	4/18/2018 12:00:00 AM
Client Sample ID:	CL-02-041818	SDG No.:	LB94734
Lab Sample ID:	J2157-12	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	-0.0038	U	1	0.025		0.05	mg/Kg	04/19/2018	04/19/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/18/2018 12:00:00 AM
Project:	LB94734	Date Received:	4/18/2018 12:00:00 AM
Client Sample ID:	SU-01-041818	SDG No.:	LB94734
Lab Sample ID:	J2165-06	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	-0.0063	U	1	0.025		0.05	mg/Kg	04/19/2018	04/19/2018	9012B

Report of Analysis

Client:		Date Collected:	4/17/2018 12:00:00 AM
Project:	LB94734	Date Received:	4/18/2018 12:00:00 AM
Client Sample ID:	CDMP-WC1	SDG No.:	LB94734
Lab Sample ID:	J2439-03	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	-0.0028	U	1	0.025		0.05	mg/Kg	04/19/2018	04/19/2018	9012B



Report of Analysis

Client:		Date Collected:	4/17/2018 12:00:00 AM
Project:	LB94734	Date Received:	4/18/2018 12:00:00 AM
Client Sample ID:	CDMP-WC1	SDG No.:	LB94734
Lab Sample ID:	J2439-03	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



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94734

SDG No.: LB94734

Contract: _____ Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

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	0.098	0.099	99		85 - 115		04/19/2018	11:41	LB94734



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94734

SDG No.: LB94734

Contract: _____ Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

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	0.25	0.25	100		90 - 110		04/19/2018	11:41	LB94734
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		04/19/2018	11:41	LB94734



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94734

SDG No.: LB94734

Contract:

Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00059	+/-0.005	U		0.005		04/19/2018	11:41	LB94734



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94734

SDG No.: LB94734

Contract:

Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00034	+/-0.005	U		0.005		04/19/2018	11:41	LB94734
CCB2	Reactive Cyanide	-0.00045	+/-0.005	U		0.005		04/19/2018	11:41	LB94734



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94734

SDG No.: LB94734

Contract: Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

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: LB94734

SDG No.: LB94734

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
PB108393BL	Reactive Cyanide	SOLID -0.0072	<0.05	Batch Number: U		PB108393 0.05		Prep Date: 04/19/2018	04/19/2018 11:41	LB94734

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DUPLICATE SAMPLE SUMMARY

Client: LB94734 **Level:** LOW **SDG No.:** LB94734
Contract: _____ **Lab Code:** CHEM **Case No.:** LB94734 **SAS No.:** LB94734
Matrix: Solid **Sample ID:** J2157-12 **Client ID:** CL-02-041818DUP
Percent Solids for Sample: 100 **Duplicate ID** J2157-12DUP **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	-0.0034	U			



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Client: LB94734

SDG No.: LB94734

Contract:

Lab Code: CHEM

Case No.: LB94734

SAS No.: LB94734

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
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