

Daily Analysis Runlog For Sequence/QC Batch ID # LB94673

Review By		Review On				
SubDirectory		LB94673		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP63760,WP63761,WP63762,WP63763,WP63764,WP63765,WP63766
ICV Standard	WP63768
CCV Standard	WP63767
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP63769,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/17/18 09:52		
2	5.0PPBCN	5.0PPBCN	CAL2	04/17/18 09:52		
3	10PPBCN	10PPBCN	CAL3	04/17/18 09:52		
4	50PPBCN	50PPBCN	CAL4	04/17/18 09:52		
5	100PPBCN	100PPBCN	CAL5	04/17/18 09:52		
6	250PPBCN	250PPBCN	CAL6	04/17/18 09:52		
7	500PPBCN	500PPBCN	CAL7	04/17/18 09:52		
8	ICV1	ICV1	ICV	04/17/18 12:02		
9	ICB1	ICB1	ICB	04/17/18 12:02		
10	CCV1	CCV1	CCV	04/17/18 12:02		
11	CCB1	CCB1	CCB	04/17/18 12:02		
12	PB108308BL	PB108308BL	MB	04/17/18 12:02		
13	J2410-04	T-2	SAM	04/17/18 12:02		
14	J2410-04DUP	T-2DUP	DUP	04/17/18 12:02		
15	J2410-08	T-3	SAM	04/17/18 12:02		
16	J2411-03	DRUM-1-3	SAM	04/17/18 12:02		
17	CCV2	CCV2	CCV	04/17/18 12:02		
18	CCB2	CCB2	CCB	04/17/18 12:02		



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94673	Date Received:	4/16/2018 12:00:00 AM
Client Sample ID:	T-2	SDG No.:	LB94673
Lab Sample ID:	J2410-04	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	-0.0039	U	1	0.025		0.05	mg/Kg	04/17/2018	04/17/2018	9012B

Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94673	Date Received:	4/16/2018 12:00:00 AM
Client Sample ID:	T-3	SDG No.:	LB94673
Lab Sample ID:	J2410-08	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	-0.0042	U	1	0.025		0.05	mg/Kg	04/17/2018	04/17/2018	9012B

Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94673	Date Received:	4/16/2018 12:00:00 AM
Client Sample ID:	DRUM-1-3	SDG No.:	LB94673
Lab Sample ID:	J2411-03	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	0.00059	U	1	0.025		0.05	mg/Kg	04/17/2018	04/17/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94673	Date Received:	4/16/2018 12:00:00 AM
Client Sample ID:	DRUM-1-3	SDG No.:	LB94673
Lab Sample ID:	J2411-03	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: LB94673

SDG No.: LB94673

Contract: _____ Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

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	0.092	0.099	92.9		85 - 115		04/17/2018	12:02	lb94673



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94673

SDG No.: LB94673

Contract: _____ Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

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		04/17/2018	12:02	lb94673
CCV2	Reactive Cyanide	0.24	0.25	96		90 - 110		04/17/2018	12:02	lb94673



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94673

SDG No.: LB94673

Contract:

Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00052	+/-0.005	U		0.005		04/17/2018	12:02	1b94673



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94673

SDG No.: LB94673

Contract: _____

Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00058	+/-0.005	U		0.005		04/17/2018	12:02	1b94673
CCB2	Reactive Cyanide	-0.00047	+/-0.005	U		0.005		04/17/2018	12:02	1b94673



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94673

SDG No.: LB94673

Contract: Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

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: LB94673

SDG No.: LB94673

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
PB108308BL		SOLID		Batch Number:		PB108308		Prep Date:	04/17/2018	
	Reactive Cyanide	-0.0093	<0.05	U		0.05		04/17/2018	12:02	lb94673

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DUPLICATE SAMPLE SUMMARY

Client: LB94673 **Level:** LOW **SDG No.:** LB94673
Contract: _____ **Lab Code:** CHEM **Case No.:** LB94673 **SAS No.:** LB94673
Matrix: Solid **Sample ID:** J2410-04 **Client ID:** T-2DUP
Percent Solids for Sample: 100 **Duplicate ID** J2410-04DUP **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	-0.0025	U			



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Client: LB94673

SDG No.: LB94673

Contract:

Lab Code: CHEM

Case No.: LB94673

SAS No.: LB94673

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
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