

Daily Analysis Runlog For Sequence/QC Batch ID # LB94646

Review By		Review On				
SubDirectory		LB94646		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP63723,WP63724,WP63725,WP63726,WP63727,WP63728,WP63729
ICV Standard	WP63731
CCV Standard	WP63730
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP63732,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/16/18 12:33		
2	5.0PPBCN	5.0PPBCN	CAL2	04/16/18 12:33		
3	10PPBCN	10PPBCN	CAL3	04/16/18 12:33		
4	50PPBCN	50PPBCN	CAL4	04/16/18 12:33		
5	100PPBCN	100PPBCN	CAL5	04/16/18 12:33		
6	250PPBCN	250PPBCN	CAL6	04/16/18 12:33		
7	500PPBCN	500PPBCN	CAL7	04/16/18 12:33		
8	ICV1	ICV1	ICV	04/16/18 15:11		
9	ICB1	ICB1	ICB	04/16/18 15:11		
10	CCV1	CCV1	CCV	04/16/18 15:11		
11	CCB1	CCB1	CCB	04/16/18 15:11		
12	PB108252BL	PB108252BL	MB	04/16/18 15:11		
13	J2369-04	RO-1-4	SAM	04/16/18 15:11		
14	J2369-04DUP	RO-1-4DUP	DUP	04/16/18 15:11		
15	J2370-08	CG	SAM	04/16/18 15:11		
16	CCV2	CCV2	CCV	04/16/18 15:11		
17	CCB2	CCB2	CCB	04/16/18 15:11		



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Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94646	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	RO-1-4	SDG No.:	LB94646
Lab Sample ID:	J2369-04	Matrix:	Solid
Level (low/med):	low	% Solid:	72.8

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	04/16/2018	04/16/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94646	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	CG	SDG No.:	LB94646
Lab Sample ID:	J2370-08	Matrix:	Solid
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0044	U	1	0.025		0.05	mg/Kg	04/16/2018	04/16/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/13/2018 12:00:00 AM
Project:	LB94646	Date Received:	4/13/2018 12:00:00 AM
Client Sample ID:	CG	SDG No.:	LB94646
Lab Sample ID:	J2370-08	Matrix:	Solid
Level (low/med):	low	% Solid:	89.8

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: LB94646

SDG No.: LB94646

Contract: _____ Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

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		04/16/2018	15:11	LB94646



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94646

SDG No.: LB94646

Contract: _____ Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

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		04/16/2018	15:11	LB94646
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		04/16/2018	15:11	LB94646



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94646

SDG No.: LB94646

Contract:

Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0004	+/-0.005	U		0.005		04/16/2018	15:11	LB94646



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94646

SDG No.: LB94646

Contract:

Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00041	+/-0.005	U		0.005		04/16/2018	15:11	LB94646
CCB2	Reactive Cyanide	0.00016	+/-0.005	U		0.005		04/16/2018	15:11	LB94646



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94646

SDG No.: LB94646

Contract: Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

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: LB94646

SDG No.: LB94646

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
PB108252BL	Reactive Cyanide	SOLID 0.0026	<0.05	Batch Number: U		PB108252 0.05		Prep Date: 04/16/2018	04/16/2018 15:11	LB94646



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client:

level:

low

sdg no.:

contract:

lab code:

case no.:

sas no.:

matrix:

sample id:

client id:

Percent Solids for Sample:

Spiked ID:

Percent Solids for Spike Sample:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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DUPLICATE SAMPLE SUMMARY

Client: LB94646 **Level:** LOW **SDG No.:** LB94646
Contract: **Lab Code:** CHEM **Case No.:** LB94646 **SAS No.:** LB94646
Matrix: Solid **Sample ID:** J2369-04 **Client ID:** RO-1-4DUP
Percent Solids for Sample: 72.8 **Duplicate ID** J2369-04DUP **Percent Solids for Spike Sample:** 72.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.0015	U			



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Client: LB94646

SDG No.: LB94646

Contract:

Lab Code: CHEM

Case No.: LB94646

SAS No.: LB94646

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
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