

Daily Analysis Runlog For Sequence/QC Batch ID # LB94707

Review By		Review On				
SubDirectory		LB94707		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63786,WP63787,WP63788,WP63789,WP63790,WP63791,WP63792				
ICV Standard		W1542				
CCV Standard		WP63793				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP63795,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/18/18 10:21		
2	5.0PPBCN	5.0PPBCN	CAL2	04/18/18 10:21		
3	10PPBCN	10PPBCN	CAL3	04/18/18 10:21		
4	50PPBCN	50PPBCN	CAL4	04/18/18 10:21		
5	100PPBCN	100PPBCN	CAL5	04/18/18 10:21		
6	250PPBCN	250PPBCN	CAL6	04/18/18 10:21		
7	500PPBCN	500PPBCN	CAL7	04/18/18 10:21		
8	ICV1	ICV1	ICV	04/18/18 14:57		
9	ICB1	ICB1	ICB	04/18/18 14:57		
10	CCV1	CCV1	CCV	04/18/18 14:57		
11	CCB1	CCB1	CCB	04/18/18 14:57		
12	PB108357BL	PB108357BL	MB	04/18/18 14:57		
13	PB108357BS	PB108357BS	LCS	04/18/18 14:57		
14	J2413-01	COMP-B1-0-6	SAM	04/18/18 14:57		
15	J2413-01DUP	COMP-B1-0-6DUP	DUP	04/18/18 14:57		
16	J2413-01MS	COMP-B1-0-6MS	MS	04/18/18 14:57		
17	J2413-01MSD	COMP-B1-0-6MSD	MSD	04/18/18 14:57		
18	J2413-02	COMP-B1-18-20	SAM	04/18/18 14:57		
19	J2413-03	COMP-B2-0-6	SAM	04/18/18 15:02		
20	J2413-04	COMP-B2-18-20	SAM	04/18/18 15:02		
21	CCV2	CCV2	CCV	04/18/18 15:02		



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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ICV Standard		W1542			
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ICSA Standard		N/A			
CRI Standard		N/A			
LCS Standard		WP62802			
Chk Standard		WP63795,WP59958,WP60878			
22	CCB2	CCB2	CCB	04/18/18 15:02	



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94707	Date Received:	4/17/2018 12:00:00 AM
Client Sample ID:	COMP-B1-0-6	SDG No.:	LB94707
Lab Sample ID:	J2413-01	Matrix:	Solid
Level (low/med):	low	% Solid:	80.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.047	J	1	0.04		0.3	mg/Kg	04/18/2018	04/18/2018	9014



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94707	Date Received:	4/17/2018 12:00:00 AM
Client Sample ID:	COMP-B1-18-20	SDG No.:	LB94707
Lab Sample ID:	J2413-02	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.
	Cyanide	-0.0032	U	1	0.036		0.27	mg/Kg	04/18/2018	04/18/2018	9014



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94707	Date Received:	4/17/2018 12:00:00 AM
Client Sample ID:	COMP-B2-0-6	SDG No.:	LB94707
Lab Sample ID:	J2413-03	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.073	J	1	0.037		0.28	mg/Kg	04/18/2018	04/18/2018	9014



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94707	Date Received:	4/17/2018 12:00:00 AM
Client Sample ID:	COMP-B2-18-20	SDG No.:	LB94707
Lab Sample ID:	J2413-04	Matrix:	Solid
Level (low/med):	low	% Solid:	92.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.0018	U	1	0.035		0.26	mg/Kg	04/18/2018	04/18/2018	9014



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Report of Analysis

Client:		Date Collected:	4/16/2018 12:00:00 AM
Project:	LB94707	Date Received:	4/17/2018 12:00:00 AM
Client Sample ID:	COMP-B2-18-20	SDG No.:	LB94707
Lab Sample ID:	J2413-04	Matrix:	Solid
Level (low/med):	low	% Solid:	92.8

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: LB94707

SDG No.: LB94707

Contract: _____

Lab Code: CHEM

Case No.: LB94707

SAS No.: LB94707

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	Cyanide	0.097	0.099	98		85 - 115		04/18/2018	14:57	LB94707



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94707

SDG No.: LB94707

Contract: _____ Lab Code: CHEM

Case No.: LB94707

SAS No.: LB94707

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	Cyanide	0.25	0.25	100		90 - 110		04/18/2018	14:57	LB94707
CCV2	Cyanide	0.26	0.25	104		90 - 110		04/18/2018	15:02	LB94707



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94707

SDG No.: LB94707

Contract:

Lab Code: CHEM

Case No.: LB94707

SAS No.: LB94707

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.00032	+/-0.005	U		0.005		04/18/2018	14:57	LB94707



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94707

SDG No.: LB94707

Contract:

Lab Code: CHEM

Case No.: LB94707

SAS No.: LB94707

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00047	+/-0.005	U		0.005		04/18/2018	14:57	LB94707
CCB2	Cyanide	0.00032	+/-0.005	U		0.005		04/18/2018	15:02	LB94707



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94707

SDG No.: LB94707

Contract: Lab Code: CHEM

Case No.: LB94707

SAS No.: LB94707

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: LB94707

SDG No.: LB94707

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
PB108357BL		SOLID		Batch Number:		PB108357		Prep Date:	04/18/2018	
	Cyanide	0.013	<0.25	U		0.25		04/18/2018	14:57	LB94707



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB94707 level: low sdg no.: LB94707
contract: lab code: CHEM case no.: LB94707 sas no.: LB94707
matrix: Solid sample id: J2413-01 client id: COMP-B1-0-6MS
Percent Solids for Sample: 80.9 Spiked ID: J2413-01MS Percent Solids for Spike Sample: 80.9

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	2		0.047	J	2.4	81		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94707 level: low sdg no.: LB94707
contract: lab code: CHEM case no.: LB94707 sas no.: LB94707
matrix: Solid sample id: J2413-01 client id: COMP-B1-0-6MSD
Percent Solids for Sample: 80.9 Spiked ID: J2413-01MSD Percent Solids for Spike Sample: 80.9

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125		2	0.047	J	2.4	81		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94707 **Level:** LOW **SDG No.:** LB94707
Contract: **Lab Code:** CHEM **Case No.:** LB94707 **SAS No.:** LB94707
Matrix: Solid **Sample ID:** J2413-01 **Client ID:** COMP-B1-0-6DUP
Percent Solids for Sample: 80.9 **Duplicate ID** J2413-01DUP **Percent Solids for Spike Sample:** 80.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.047	J	0.048	J	2		

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB94707 **Level:** LOW **SDG No.:** LB94707
Contract: **Lab Code:** CHEM **Case No.:** LB94707 **SAS No.:** LB94707
Matrix: Solid **Sample ID:** J2413-01MS **Client ID:** COMP-B1-0-6MSD
Percent Solids for Sample: 80.9 **Duplicate ID** J2413-01MSD **Percent Solids for Spike Sample:** 80.9

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	2		2		0		

