

Daily Analysis Runlog For Sequence/QC Batch ID # LB94340

Review By		Review On				
SubDirectory		LB94340		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63351,WP63352,WP63353,WP63354,WP63355,WP63356,WP63357				
ICV Standard		WP63359				
CCV Standard		WP63358				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP63360,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/03/18 12:27		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/03/18 12:27		OK
3	10PPBCN	10PPBCN	CAL3	04/03/18 12:27		OK
4	50PPBCN	50PPBCN	CAL4	04/03/18 12:27		OK
5	100PPBCN	100PPBCN	CAL5	04/03/18 12:27		OK
6	250PPBCN	250PPBCN	CAL6	04/03/18 12:27		OK
7	500PPBCN	500PPBCN	CAL7	04/03/18 12:27		OK
8	ICV1	ICV1	ICV	04/03/18 12:50		OK
9	ICB1	ICB1	ICB	04/03/18 12:50		OK
10	CCV1	CCV1	CCV	04/03/18 12:50		OK
11	CCB1	CCB1	CCB	04/03/18 12:50		OK
12	J2185-08	LOWER-CONCRETE	SAM	04/03/18 12:50		OK
13	J2185-08DUP	LOWER-CONCRETE	DUP	04/03/18 12:50		OK
14	J2185-17	LOWER-CONCRETE	SAM	04/03/18 12:50		OK
15	PB107932BL	PB107932BL	MB	04/03/18 13:14		OK
16	CCV2	CCV2	CCV	04/03/18 13:14		OK
17	CCB2	CCB2	CCB	04/03/18 13:14		OK



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Report of Analysis

Client:		Date Collected:	4/2/2018 12:00:00 AM
Project:	LB94340	Date Received:	4/2/2018 12:00:00 AM
Client Sample ID:	LOWER-CONCRETE-SLAB-1	SDG No.:	LB94340
Lab Sample ID:	J2185-08	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	-0.0049	U	1	0.025		0.05	mg/Kg	04/03/2018	04/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/2/2018 12:00:00 AM
Project:	LB94340	Date Received:	4/2/2018 12:00:00 AM
Client Sample ID:	LOWER-CONCRETE-SLAB-2	SDG No.:	LB94340
Lab Sample ID:	J2185-17	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	-0.0037	U	1	0.025		0.05	mg/Kg	04/03/2018	04/03/2018	9012B



Report of Analysis

Client:		Date Collected:	4/2/2018 12:00:00 AM
Project:	LB94340	Date Received:	4/2/2018 12:00:00 AM
Client Sample ID:	LOWER-CONCRETE-SLAB-2	SDG No.:	LB94340
Lab Sample ID:	J2185-17	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: LB94340

SDG No.: LB94340

Contract: _____

Lab Code: CHEM

Case No.: LB94340

SAS No.: LB94340

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	0.097	0.099	98		85 - 115		04/03/2018	12:50	LB94340



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94340

SDG No.: LB94340

Contract: _____ Lab Code: CHEM

Case No.: LB94340

SAS No.: LB94340

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		04/03/2018	12:50	LB94340
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		04/03/2018	13:14	LB94340



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94340 SDG No.: LB94340
Contract: Lab Code: CHEM Case No.: LB94340 SAS No.: LB94340

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00043	+/-0.005	U		0.005		04/03/2018	12:50	LB94340



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94340

SDG No.: LB94340

Contract:

Lab Code: CHEM

Case No.: LB94340

SAS No.: LB94340

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00016	+/-0.005	U		0.005		04/03/2018	12:50	LB94340
CCB2	Reactive Cyanide	-0.00047	+/-0.005	U		0.005		04/03/2018	13:14	LB94340



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94340

SDG No.: LB94340

Contract:

Lab Code: CHEM

Case No.: LB94340

SAS No.: LB94340

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: LB94340

SDG No.: LB94340

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
PB107932BL	Reactive Cyanide	SOLID -0.0061	<0.05	Batch Number: U		PB107932 0.05		Prep Date: 04/03/2018	04/03/2018 13:14	LB94340

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DUPLICATE SAMPLE SUMMARY

Client: LB94340 **Level:** LOW **SDG No.:** LB94340
Contract: **Lab Code:** CHEM **Case No.:** LB94340 **SAS No.:** LB94340
Matrix: Solid **Sample ID:** J2185-08 **Client ID:** LOWER-CONCRETE-SLAB-1DUP
Percent Solids for Sample: 100 **Duplicate ID** J2185-08DUP **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	-0.0053	U			