

Daily Analysis Runlog For Sequence/QC Batch ID # LB92135

Review By		Review On				
SubDirectory		LB92135		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP60316,WP60317,WP60318,WP60319,WP60320,WP60321,WP60322				
ICV Standard		WP60324				
CCV Standard		WP60323				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP60325,WP59958,WP60150				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/13/17 11:02		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/13/17 11:02		OK
3	10PPBCN	10PPBCN	CAL3	12/13/17 11:02		OK
4	50PPBCN	50PPBCN	CAL4	12/13/17 11:02		OK
5	100PPBCN	100PPBCN	CAL5	12/13/17 11:02		OK
6	250PPBCN	250PPBCN	CAL6	12/13/17 11:02		OK
7	500PPBCN	500PPBCN	CAL7	12/13/17 11:02		OK
8	ICV1	ICV1	ICV	12/13/17 13:18		OK
9	ICB1	ICB1	ICB	12/13/17 13:18		OK
10	CCV1	CCV1	CCV	12/13/17 13:18		OK
11	CCB1	CCB1	CCB	12/13/17 13:18		OK
12	PB104993BL	PB104993BL	MB	12/13/17 13:18		OK
13	I6885-03	WC-003	SAM	12/13/17 13:18		OK
14	I6885-03DUP	WC-003DUP	DUP	12/13/17 13:18		OK
15	CCV2	CCV2	CCV	12/13/17 13:22		OK
16	CCB2	CCB2	CCB	12/13/17 13:22		OK



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Report of Analysis

Client:		Date Collected:	12/8/2017 12:00:00 AM
Project:	LB92135	Date Received:	12/12/2017 12:00:00 AM
Client Sample ID:	WC-003	SDG No.:	LB92135
Lab Sample ID:	I6885-03	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	0.0053	U	1	0.025		0.05	mg/Kg	12/13/2017	12/13/2017	9012B



Report of Analysis

Client:		Date Collected:	12/8/2017 12:00:00 AM
Project:	LB92135	Date Received:	12/12/2017 12:00:00 AM
Client Sample ID:	WC-003	SDG No.:	LB92135
Lab Sample ID:	I6885-03	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: LB92135

SDG No.: LB92135

Contract: _____

Lab Code: CHEM

Case No.: LB92135

SAS No.: LB92135

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.097	0.099	98	0	85 - 115		12/13/2017	13:18	lb92135



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92135

SDG No.: LB92135

Contract: _____ Lab Code: CHEM

Case No.: LB92135

SAS No.: LB92135

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.24	0.25	96	0	90 - 110		12/13/2017	13:18	lb92135
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		12/13/2017	13:22	lb92135



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92135

SDG No.: LB92135

Contract:

Lab Code: CHEM

Case No.: LB92135

SAS No.: LB92135

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00097	+/-0.005	U		0.005		12/13/2017	13:18	lb92135



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92135

SDG No.: LB92135

Contract:

Lab Code: CHEM

Case No.: LB92135

SAS No.: LB92135

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00095	+/-0.005	U		0.005		12/13/2017	13:18	lb92135
CCB2	Reactive Cyanide	0.001	+/-0.005	U		0.005		12/13/2017	13:22	lb92135



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92135

SDG No.: LB92135

Contract: Lab Code: CHEM

Case No.: LB92135

SAS No.: LB92135

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: LB92135

SDG No.: LB92135

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
PB104993BL	Reactive Cyanide	SOLID 0.0085	<0.05	Batch Number: U		PB104993 0.05		Prep Date: 12/13/2017	12/13/2017 13:18	lb92135

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DUPLICATE SAMPLE SUMMARY

Client: LB92135 **Level:** LOW **SDG No.:** LB92135
Contract: **Lab Code:** CHEM **Case No.:** LB92135 **SAS No.:** LB92135
Matrix: Solid **Sample ID:** I6885-03 **Client ID:** WC-003DUP
Percent Solids for Sample: 100 **Duplicate ID** I6885-03DUP **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	0.0059	U			