

Daily Analysis Runlog For Sequence/QC Batch ID # LB91759

Review By		Review On				
SubDirectory		LB91759		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59849,WP59850,WP59851,WP59852,WP59853,WP59854,WP59855				
ICV Standard		WP59857				
CCV Standard		WP59856				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55836,WP55355,WP59858				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/22/17 13:16		OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/22/17 13:16		OK
3	10PPBCN	10PPBCN	CAL3	11/22/17 13:16		OK
4	50PPBCN	50PPBCN	CAL4	11/22/17 13:16		OK
5	100PPBCN	100PPBCN	CAL5	11/22/17 13:16		OK
6	250PPBCN	250PPBCN	CAL6	11/22/17 13:16		OK
7	500PPBCN	500PPBCN	CAL7	11/22/17 13:16		OK
8	ICV1	ICV1	ICV	11/22/17 15:20		OK
9	ICB1	ICB1	ICB	11/22/17 15:20		OK
10	CCV1	CCV1	CCV	11/22/17 15:20		OK
11	CCB1	CCB1	CCB	11/22/17 15:20		OK
12	PB104494BL	PB104494BL	MB	11/22/17 15:20		OK
13	I6289-08	SU-04-112117	SAM	11/22/17 15:20		OK
14	I6289-08DUP	SU-04-112117DUP	DUP	11/22/17 15:20		OK
15	CCV2	CCV2	CCV	11/22/17 15:23		OK
16	CCB2	CCB2	CCB	11/22/17 15:23		OK



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Report of Analysis

Client:		Date Collected:	11/21/2017 12:00:00 AM
Project:	LB91759	Date Received:	11/21/2017 12:00:00 AM
Client Sample ID:	SU-04-112117	SDG No.:	LB91759
Lab Sample ID:	I6289-08	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	0.0028	U	1	0.025		0.05	mg/Kg	11/22/2017	11/22/2017	9012B



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Report of Analysis

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Project:	LB91759	Date Received:	11/21/2017 12:00:00 AM
Client Sample ID:	SU-04-112117	SDG No.:	LB91759
Lab Sample ID:	I6289-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB91759

SDG No.: LB91759

Contract: _____ Lab Code: CHEM

Case No.: LB91759

SAS No.: LB91759

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	0.25	0.25	100	0	90 - 110		11/22/2017	15:20	lb91759
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		11/22/2017	15:23	lb91759



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91759

SDG No.: LB91759

Contract:

Lab Code: CHEM

Case No.: LB91759

SAS No.: LB91759

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0011	+/-0.005	U		0.005		11/22/2017	15:20	lb91759



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91759

SDG No.: LB91759

Contract:

Lab Code: CHEM

Case No.: LB91759

SAS No.: LB91759

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0014	+/-0.005	U		0.005		11/22/2017	15:20	1b91759
CCB2	Reactive Cyanide	0.00088	+/-0.005	U		0.005		11/22/2017	15:23	1b91759



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91759

SDG No.: LB91759

Contract: Lab Code: CHEM

Case No.: LB91759

SAS No.: LB91759

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: LB91759

SDG No.: LB91759

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
PB104494BL	Reactive Cyanide	SOLID 0.0083	<0.05	Batch Number: U		PB104494 0.05		Prep Date: 11/22/2017	11/22/2017 15:20	lb91759

GENCHEM**- 6 -****DUPLICATE SAMPLE SUMMARY**

Client: LB91759 **Level:** LOW **SDG No.:** LB91759
Contract: **Lab Code:** CHEM **Case No.:** LB91759 **SAS No.:** LB91759
Matrix: Solid **Sample ID:** I6289-08 **Client ID:** SU-04-112117DUP
Percent Solids for Sample: 100 **Duplicate ID** I6289-08DUP **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	0.0021	U			