

Daily Analysis Runlog For Sequence/QC Batch ID # LB91439

Review By		Review On				
SubDirectory		LB91439		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59472,WP59473,WP59474,WP59475,WP59476,WP59477,WP59478				
ICV Standard		WP59480				
CCV Standard		WP59479				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP59480,WP55355,WP55836				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/08/17 09:55		OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/08/17 09:55		OK
3	10PPBCN	10PPBCN	CAL3	11/08/17 09:55		OK
4	50PPBCN	50PPBCN	CAL4	11/08/17 09:55		OK
5	100PPBCN	100PPBCN	CAL5	11/08/17 09:55		OK
6	250PPBCN	250PPBCN	CAL6	11/08/17 09:55		OK
7	500PPBCN	500PPBCN	CAL7	11/08/17 09:55		OK
8	ICV1	ICV1	ICV	11/08/17 10:33		OK
9	ICB1	ICB1	ICB	11/08/17 10:33		OK
10	CCV1	CCV1	CCV	11/08/17 10:33		OK
11	CCB1	CCB1	CCB	11/08/17 10:33		OK
12	PB104046BL	PB104046BL	MB	11/08/17 10:33		OK
13	I6300-02	OR-02-110617	SAM	11/08/17 10:33		OK
14	I6300-02DUP	OR-02-110617DUP	DUP	11/08/17 10:33		OK
15	I6311-02	TR-04-110617	SAM	11/08/17 10:39		OK
16	I6359-04	TP-1	SAM	11/08/17 10:39		OK
17	PB104048BL	PB104048BL	MB	11/08/17 10:39		OK
18	I6351-02	DRUMS-1-7	SAM	11/08/17 10:39		OK
19	I6351-02DUP	DRUMS-1-7DUP	DUP	11/08/17 10:39		OK
20	I6358-02	OILY-WATER-FROM	SAM	11/08/17 10:39		OK
21	CCV2	CCV2	CCV	11/08/17 10:39		OK



Instrument ID : KONELAB

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

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SubDirectory		Test : Reactive Cyanide				
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CCV Standard	WP59479					
ICSA Standard	N/A					
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LCS Standard	N/A					
Chk Standard	WP59480,WP55355,WP55836					
22	CCB2	CCB2	CCB	11/08/17 10:39		OK



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Report of Analysis

Client:		Date Collected:	11/6/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	OR-02-110617	SDG No.:	LB91439
Lab Sample ID:	I6300-02	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	-0.021	U	1	0.025		0.05	mg/Kg	11/07/2017	11/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/6/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	TR-04-110617	SDG No.:	LB91439
Lab Sample ID:	I6311-02	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	-0.018	U	1	0.025		0.05	mg/Kg	11/07/2017	11/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/3/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	DRUMS-1-7	SDG No.:	LB91439
Lab Sample ID:	I6351-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0018	U	1	0.0025		0.005	mg/L	11/07/2017	11/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/6/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	OILY-WATER-FROM-BERM	SDG No.:	LB91439
Lab Sample ID:	I6358-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0018	U	1	0.0025		0.005	mg/L	11/07/2017	11/08/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/6/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB91439
Lab Sample ID:	I6359-04	Matrix:	Solid
Level (low/med):	low	% Solid:	90.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.018	U	1	0.025		0.049	mg/Kg	11/07/2017	11/08/2017	9012B



Report of Analysis

Client:		Date Collected:	11/6/2017 12:00:00 AM
Project:	LB91439	Date Received:	11/6/2017 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB91439
Lab Sample ID:	I6359-04	Matrix:	Solid
Level (low/med):	low	% Solid:	90.8

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91439 **SDG No.:** LB91439
Contract: **Lab Code:** CHEM **Case No.:** LB91439 **SAS No.:** LB91439

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.0017	+/-0.005	U		0.005		11/08/2017	10:33	LB91439



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91439

SDG No.: LB91439

Contract: _____

Lab Code: CHEM

Case No.: LB91439

SAS No.: LB91439

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.0015	+/-0.005	U		0.005		11/08/2017	10:33	LB91439
CCB2	Reactive Cyanide	-0.0016	+/-0.005	U		0.005		11/08/2017	10:39	LB91439



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91439

SDG No.: LB91439

Contract: Lab Code: CHEM

Case No.: LB91439

SAS No.: LB91439

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: LB91439

SDG No.: LB91439

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
PB104046BL	Reactive Cyanide	SOLID		Batch Number:		PB104046		Prep Date:	11/07/2017	
		-0.018	<0.05	U		0.05		11/08/2017	10:33	LB91439
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB104048BL	Reactive Cyanide	WATER		Batch Number:		PB104048		Prep Date:	11/07/2017	
		-0.0017	<0.005	U		0.005		11/08/2017	10:39	LB91439

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DUPLICATE SAMPLE SUMMARY

Client: LB91439 **Level:** LOW **SDG No.:** LB91439
Contract: **Lab Code:** CHEM **Case No.:** LB91439 **SAS No.:** LB91439
Matrix: Solid **Sample ID:** I6300-02 **Client ID:** OR-02-110617DUP
Percent Solids for Sample: 100 **Duplicate ID** I6300-02DUP **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	-0.02	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB91439 **Level:** LOW **SDG No.:** LB91439
Contract: **Lab Code:** CHEM **Case No.:** LB91439 **SAS No.:** LB91439
Matrix: WATER **Sample ID:** I6351-02 **Client ID:** DRUMS-1-7DUP
Percent Solids for Sample: 0 **Duplicate ID** I6351-02DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	-0.0016	U			