

Daily Analysis Runlog For Sequence/QC Batch ID # LB91861

Review By

Review On

SubDirectory

LB91861

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP59992,WP59994,WP59995,WP59996,WP59997,WP59998,WP59999
ICV Standard	WP60001
CCV Standard	WP60000
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP55836,WP55355,WP60002

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/30/17 08:50		OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/30/17 08:50		OK
3	10PPBCN	10PPBCN	CAL3	11/30/17 08:50		OK
4	50PPBCN	50PPBCN	CAL4	11/30/17 08:50		OK
5	100PPBCN	100PPBCN	CAL5	11/30/17 08:51		OK
6	250PPBCN	250PPBCN	CAL6	11/30/17 08:51		OK
7	500PPBCN	500PPBCN	CAL7	11/30/17 08:51		OK
8	ICV1	ICV1	ICV	11/30/17 12:34		OK
9	ICB1	ICB1	ICB	11/30/17 12:34		OK
10	CCV1	CCV1	CCV	11/30/17 12:34		OK
11	CCB1	CCB1	CCB	11/30/17 12:34		OK
12	PB104620BL	PB104620BL	MB	11/30/17 12:34		OK
13	I6289-10	SU-03-112917	SAM	11/30/17 12:34		OK
14	I6289-10DUP	SU-03-112917DUP	DUP	11/30/17 12:34		OK
15	I6300-08	OR-02-112917	SAM	11/30/17 12:40		OK
16	I6615-03	PB-2-OW(0-10)	SAM	11/30/17 12:40		OK
17	I6639-02	MH-SP	SAM	11/30/17 12:40		OK
18	I6641-02	TP-1	SAM	11/30/17 12:40		OK
19	I6641-04	TP-2	SAM	11/30/17 12:40		OK
20	I6641-06	TP-3	SAM	11/30/17 12:40		OK
21	CCV2	CCV2	CCV	11/30/17 12:40		OK



Instrument ID : KONELAB

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

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Review By		Review On				
SubDirectory		LB91861		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP59992,WP59994,WP59995,WP59996,WP59997,WP59998,WP59999				
ICV Standard		WP60001				
CCV Standard		WP60000				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP55836,WP55355,WP60002				
22	CCB2	CCB2	CCB	11/30/17 12:40		OK



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	SU-03-112917	SDG No.:	LB91861
Lab Sample ID:	I6289-10	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	-0.0034	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	OR-02-112917	SDG No.:	LB91861
Lab Sample ID:	I6300-08	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	-0.0037	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/28/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/28/2017 12:00:00 AM
Client Sample ID:	PB-2-OW(0-10)	SDG No.:	LB91861
Lab Sample ID:	I6615-03	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	-0.004	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	MH-SP	SDG No.:	LB91861
Lab Sample ID:	I6639-02	Matrix:	Solid
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0047	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB91861
Lab Sample ID:	I6641-02	Matrix:	Solid
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0038	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B

Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	LB91861
Lab Sample ID:	I6641-04	Matrix:	Solid
Level (low/med):	low	% Solid:	72.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0038	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	LB91861
Lab Sample ID:	I6641-06	Matrix:	Solid
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0051	U	1	0.025		0.05	mg/Kg	11/30/2017	11/30/2017	9012B



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Report of Analysis

Client:		Date Collected:	11/29/2017 12:00:00 AM
Project:	LB91861	Date Received:	11/29/2017 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	LB91861
Lab Sample ID:	I6641-06	Matrix:	Solid
Level (low/med):	low	% Solid:	91.3

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: LB91861 **SDG No.:** LB91861
Contract: **Lab Code:** CHEM **Case No.:** LB91861 **SAS No.:** LB91861

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0	+/-0.005	U		0.005		11/30/2017	12:34	lb91861



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91861

SDG No.: LB91861

Contract:

Lab Code: CHEM

Case No.: LB91861

SAS No.: LB91861

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.0001	+/-0.005	U		0.005		11/30/2017	12:34	lb91861
CCB2	Reactive Cyanide	-0.00012	+/-0.005	U		0.005		11/30/2017	12:40	lb91861



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB91861

SDG No.: LB91861

Contract: Lab Code: CHEM

Case No.: LB91861

SAS No.: LB91861

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: LB91861

SDG No.: LB91861

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
PB104620BL		SOLID		Batch Number:		PB104620		Prep Date:	11/30/2017	
	Reactive Cyanide	-0.0028	<0.05	U		0.05		11/30/2017	12:34	lb91861

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB91861 **Level:** LOW **SDG No.:** LB91861
Contract: **Lab Code:** CHEM **Case No.:** LB91861 **SAS No.:** LB91861
Matrix: Solid **Sample ID:** I6289-10 **Client ID:** SU-03-112917DUP
Percent Solids for Sample: 100 **Duplicate ID** I6289-10DUP **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	-0.0054	U			