

Daily Analysis Runlog For Sequence/QC Batch ID # LB92637

Review By		Review On				
SubDirectory		LB92637		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP60990,WP60991,WP60992,WP60993,WP60994,WP60995,WP60996
ICV Standard	wp60997
CCV Standard	WP60998
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP60999,WP59958,WP60878

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/16/18 11:36		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/16/18 11:36		OK
3	10PPBCN	10PPBCN	CAL3	01/16/18 11:36		OK
4	50PPBCN	50PPBCN	CAL4	01/16/18 11:36		OK
5	100PPBCN	100PPBCN	CAL5	01/16/18 11:36		OK
6	250PPBCN	250PPBCN	CAL6	01/16/18 11:36		OK
7	500PPBCN	500PPBCN	CAL7	01/16/18 11:36		OK
8	ICV1	ICV1	ICV	01/16/18 13:27		OK
9	ICB1	ICB1	ICB	01/16/18 13:27		OK
10	CCV1	CCV1	CCV	01/16/18 13:27		OK
11	CCB1	CCB1	CCB	01/16/18 13:27		OK
12	PB105695BL	PB105695BL	MB	01/16/18 13:27		OK
13	J1014-02	HD-01-011518	SAM	01/16/18 13:27		OK
14	J1014-02DUP	HD-01-011518DUP	DUP	01/16/18 13:27		OK
15	J1145-03	PB-1(8-21.5)	SAM	01/16/18 13:31		OK
16	CCV2	CCV2	CCV	01/16/18 13:31		OK
17	CCB2	CCB2	CCB	01/16/18 13:31		OK



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Report of Analysis

Client:		Date Collected:	1/15/2018 12:00:00 AM
Project:	LB92637	Date Received:	1/15/2018 12:00:00 AM
Client Sample ID:	HD-01-011518	SDG No.:	LB92637
Lab Sample ID:	J1014-02	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	0.011	U	1	0.025		0.05	mg/Kg	01/16/2018	01/16/2018	9012B

Report of Analysis

Client:		Date Collected:	1/14/2018 12:00:00 AM
Project:	LB92637	Date Received:	1/15/2018 12:00:00 AM
Client Sample ID:	PB-1(8-21.5)	SDG No.:	LB92637
Lab Sample ID:	J1145-03	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	0.012	U	1	0.025		0.05	mg/Kg	01/16/2018	01/16/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/14/2018 12:00:00 AM
Project:	LB92637	Date Received:	1/15/2018 12:00:00 AM
Client Sample ID:	PB-1(8-21.5)	SDG No.:	LB92637
Lab Sample ID:	J1145-03	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



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92637

SDG No.: LB92637

Contract: _____ Lab Code: CHEM

Case No.: LB92637

SAS No.: LB92637

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	0.096	0.099	97	0	85 - 115		01/16/2018	13:27	LB92637



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92637

SDG No.: LB92637

Contract: _____ Lab Code: CHEM

Case No.: LB92637

SAS No.: LB92637

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		01/16/2018	13:27	LB92637
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		01/16/2018	13:31	LB92637



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92637

SDG No.: LB92637

Contract:

Lab Code: CHEM

Case No.: LB92637

SAS No.: LB92637

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.0015	+/-0.005	U		0.005		01/16/2018	13:27	LB92637

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		01/16/2018	13:27	LB92637
CCB2	Reactive Cyanide	0.0012	+/-0.005	U		0.005		01/16/2018	13:31	LB92637



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92637

SDG No.: LB92637

Contract: Lab Code: CHEM

Case No.: LB92637

SAS No.: LB92637

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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PREPARATION BLANK SUMMARY

Client: LB92637

SDG No.: LB92637

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
PB105695BL		SOLID		Batch Number:		PB105695		Prep Date:	01/16/2018	
	Reactive Cyanide	0.013	<0.05	U		0.05		01/16/2018	13:27	LB92637

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DUPLICATE SAMPLE SUMMARY

Client: LB92637 **Level:** LOW **SDG No.:** LB92637
Contract: **Lab Code:** CHEM **Case No.:** LB92637 **SAS No.:** LB92637
Matrix: Solid **Sample ID:** J1014-02 **Client ID:** HD-01-011518DUP
Percent Solids for Sample: 100 **Duplicate ID** J1014-02DUP **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	0.014	U			