

Daily Analysis Runlog For Sequence/QC Batch ID # LB94300

Review By		Review On				
SubDirectory		LB94300		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63245,WP63246,WP63247,WP63248,WP63249,WP63250,WP63251				
ICV Standard		WP63253				
CCV Standard		WP63252				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP63254,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/02/18 09:04		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/02/18 09:04		OK
3	10PPBCN	10PPBCN	CAL3	04/02/18 09:04		OK
4	50PPBCN	50PPBCN	CAL4	04/02/18 09:04		OK
5	100PPBCN	100PPBCN	CAL5	04/02/18 09:04		OK
6	250PPBCN	250PPBCN	CAL6	04/02/18 09:04		OK
7	500PPBCN	500PPBCN	CAL7	04/02/18 09:04		OK
8	ICV1	ICV1	ICV	04/02/18 12:00		OK
9	ICB1	ICB1	ICB	04/02/18 12:00		OK
10	CCV1	CCV1	CCV	04/02/18 12:00		OK
11	CCB1	CCB1	CCB	04/02/18 12:00		OK
12	PB107886BL	PB107886BL	MB	04/02/18 12:00		OK
13	J1757-08	EO-03-033018-A	SAM	04/02/18 12:00		OK
14	J1757-08DUP	EO-03-033018-ADUP	DUP	04/02/18 12:00		OK
15	J1757-10	EO-03-033018-B	SAM	04/02/18 12:00		OK
16	J1757-12	EO-03-033018-C	SAM	04/02/18 12:00		OK
17	J2175-03	TP-3	SAM	04/02/18 12:00		OK
18	J2178-04	S6-TP	SAM	04/02/18 12:00		OK
19	CCV2	CCV2	CCV	04/02/18 12:03		OK
20	CCB2	CCB2	CCB	04/02/18 12:03		OK



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	EO-03-033018-A	SDG No.:	LB94300
Lab Sample ID:	J1757-08	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	0.0056	U	1	0.025		0.05	mg/Kg	04/02/2018	04/02/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	EO-03-033018-B	SDG No.:	LB94300
Lab Sample ID:	J1757-10	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	0.0063	U	1	0.025		0.05	mg/Kg	04/02/2018	04/02/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	EO-03-033018-C	SDG No.:	LB94300
Lab Sample ID:	J1757-12	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	0.0067	U	1	0.025		0.05	mg/Kg	04/02/2018	04/02/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	LB94300
Lab Sample ID:	J2175-03	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	0.0045	U	1	0.025		0.05	mg/Kg	04/02/2018	04/02/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	S6-TP	SDG No.:	LB94300
Lab Sample ID:	J2178-04	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	0.0048	U	1	0.025		0.05	mg/Kg	04/02/2018	04/02/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/30/2018 12:00:00 AM
Project:	LB94300	Date Received:	3/30/2018 12:00:00 AM
Client Sample ID:	S6-TP	SDG No.:	LB94300
Lab Sample ID:	J2178-04	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: LB94300

SDG No.: LB94300

Contract: _____ Lab Code: CHEM

Case No.: LB94300

SAS No.: LB94300

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Reactive Cyanide	0.25	0.25	100		90 - 110		04/02/2018	12:00	LB94300
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		04/02/2018	12:03	LB94300



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94300 **SDG No.:** LB94300
Contract: **Lab Code:** CHEM **Case No.:** LB94300 **SAS No.:** LB94300

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00099	+/-0.005	U		0.005		04/02/2018	12:00	LB94300



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94300

SDG No.: LB94300

Contract:

Lab Code: CHEM

Case No.: LB94300

SAS No.: LB94300

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00073	+/-0.005	U		0.005		04/02/2018	12:00	LB94300
CCB2	Reactive Cyanide	0.00054	+/-0.005	U		0.005		04/02/2018	12:03	LB94300



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94300

SDG No.: LB94300

Contract: Lab Code: CHEM

Case No.: LB94300

SAS No.: LB94300

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: LB94300

SDG No.: LB94300

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
PB107886BL	Reactive Cyanide	SOLID 0.0051	<0.05	Batch Number: U		PB107886 0.05		Prep Date: 04/02/2018	04/02/2018 12:00	LB94300

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DUPLICATE SAMPLE SUMMARY

Client: LB94300 **Level:** LOW **SDG No.:** LB94300
Contract: **Lab Code:** CHEM **Case No.:** LB94300 **SAS No.:** LB94300
Matrix: Solid **Sample ID:** J1757-08 **Client ID:** EO-03-033018-ADUP
Percent Solids for Sample: 100 **Duplicate ID** J1757-08DUP **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	0.0053	U			