

Daily Analysis Runlog For Sequence/QC Batch ID # LB92312

Review By		Review On				
SubDirectory		LB92312		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP60493,WP60494,WP60495,WP60497,WP60498,WP60499,WP60500				
ICV Standard		WP60503				
CCV Standard		WP60502				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP60504,WP59958,WP60150				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/21/17 11:24		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/21/17 11:24		OK
3	10PPBCN	10PPBCN	CAL3	12/21/17 11:24		OK
4	50PPBCN	50PPBCN	CAL4	12/21/17 11:24		OK
5	100PPBCN	100PPBCN	CAL5	12/21/17 11:24		OK
6	250PPBCN	250PPBCN	CAL6	12/21/17 11:24		OK
7	500PPBCN	500PPBCN	CAL7	12/21/17 11:24		OK
8	ICV1	ICV1	ICV	12/21/17 12:48		OK
9	ICB1	ICB1	ICB	12/21/17 12:48		OK
10	CCV1	CCV1	CCV	12/21/17 12:48		OK
11	CCB1	CCB1	CCB	12/21/17 12:48		OK
12	PB105248BL	PB105248BL	MB	12/21/17 12:48		OK
13	I6683-08	EO-02-122017-A	SAM	12/21/17 12:48		OK
14	I6683-08DUP	EO-02-122017-ADUP	DUP	12/21/17 12:48		OK
15	I6683-10	EO-02-122017-B	SAM	12/21/17 12:53		OK
16	I6683-12	EO-02-122017-C	SAM	12/21/17 12:53		OK
17	PB105249BL	PB105249BL	MB	12/21/17 12:53		OK
18	I7007-02	SV1854L	SAM	12/21/17 13:17		OK
19	I7007-02DUP	SV1854LDUP	DUP	12/21/17 13:17		OK
20	CCV2	CCV2	CCV	12/21/17 13:17		OK
21	CCB2	CCB2	CCB	12/21/17 13:17		OK



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Report of Analysis

Client:		Date Collected:	12/20/2017 12:00:00 AM
Project:	LB92312	Date Received:	12/20/2017 12:00:00 AM
Client Sample ID:	EO-02-122017-A	SDG No.:	LB92312
Lab Sample ID:	I6683-08	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	12/21/2017	12/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/20/2017 12:00:00 AM
Project:	LB92312	Date Received:	12/20/2017 12:00:00 AM
Client Sample ID:	EO-02-122017-B	SDG No.:	LB92312
Lab Sample ID:	I6683-10	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	0.0025	U	1	0.025		0.05	mg/Kg	12/21/2017	12/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/20/2017 12:00:00 AM
Project:	LB92312	Date Received:	12/20/2017 12:00:00 AM
Client Sample ID:	EO-02-122017-C	SDG No.:	LB92312
Lab Sample ID:	I6683-12	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	0.0054	U	1	0.025		0.05	mg/Kg	12/21/2017	12/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/20/2017 12:00:00 AM
Project:	LB92312	Date Received:	12/20/2017 12:00:00 AM
Client Sample ID:	SV1854L	SDG No.:	LB92312
Lab Sample ID:	I7007-02	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	0.0003	U	1	0.0025		0.005	mg/L	12/21/2017	12/21/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/20/2017 12:00:00 AM
Project:	LB92312	Date Received:	12/20/2017 12:00:00 AM
Client Sample ID:	SV1854L	SDG No.:	LB92312
Lab Sample ID:	I7007-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB92312

SDG No.: LB92312

Contract: _____ Lab Code: CHEM

Case No.: LB92312

SAS No.: LB92312

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		12/21/2017	12:48	lb92312
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		12/21/2017	13:17	lb92312



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92312

SDG No.: LB92312

Contract:

Lab Code: CHEM

Case No.: LB92312

SAS No.: LB92312

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00086	+/-0.005	U		0.005		12/21/2017	12:48	1b92312



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92312

SDG No.: LB92312

Contract: _____

Lab Code: CHEM

Case No.: LB92312

SAS No.: LB92312

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00085	+/-0.005	U		0.005		12/21/2017	12:48	1b92312
CCB2	Reactive Cyanide	0.001	+/-0.005	U		0.005		12/21/2017	13:17	1b92312



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92312

SDG No.: LB92312

Contract: Lab Code: CHEM

Case No.: LB92312

SAS No.: LB92312

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: LB92312

SDG No.: LB92312

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
PB105248BL	Reactive Cyanide	SOLID	<0.05	Batch Number:	PB105248			Prep Date:	12/21/2017	
		0.0082		U		0.05		12/21/2017	12:48	lb92312
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB105249BL	Reactive Cyanide	WATER	<0.005	Batch Number:	PB105249			Prep Date:	12/21/2017	
		0.00075		U		0.005		12/21/2017	12:53	lb92312

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DUPLICATE SAMPLE SUMMARY

Client: LB92312 **Level:** LOW **SDG No.:** LB92312
Contract: **Lab Code:** CHEM **Case No.:** LB92312 **SAS No.:** LB92312
Matrix: Solid **Sample ID:** I6683-08 **Client ID:** EO-02-122017-ADUP
Percent Solids for Sample: 100 **Duplicate ID** I6683-08DUP **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	0.0036	U			



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DUPLICATE SAMPLE SUMMARY

Client: LB92312 **Level:** LOW **SDG No.:** LB92312
Contract: **Lab Code:** CHEM **Case No.:** LB92312 **SAS No.:** LB92312
Matrix: WATER **Sample ID:** I7007-02 **Client ID:** SV1854LDUP
Percent Solids for Sample: 0 **Duplicate ID** I7007-02DUP **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	0.00029	U			