

Daily Analysis Runlog For Sequence/QC Batch ID # LB90988

Review By		DHVANI		Review On		10/24/2017 11:27:31 AM	
SubDirectory		LB90988		Test :		Reactive Cyanide	
STD. NAME		STD REF.#					
ICAL Standard		WP58969,WP58970,WP58971,WP58972,WP58973,WP58974,WP58967					
ICV Standard		WP58976					
CCV Standard		WP58975					
ICSA Standard		N/A					
CRI Standard		N/A					
LCS Standard		N/A					
Chk Standard		WP58977,WP55836,WP55355					
Sr#	SampleID	ClientID	QcType	Date	Comment	Status	
1	0.0PPBCN	0.0PPBCN	CAL1	10/20/17 15:38		OK	
2	5.0PPBCN	5.0PPBCN	CAL2	10/20/17 15:38		OK	
3	10PPBCN	10PPBCN	CAL3	10/20/17 15:38		OK	
4	50PPBCN	50PPBCN	CAL4	10/20/17 15:38		OK	
5	100PPBCN	100PPBCN	CAL5	10/20/17 15:38		OK	
6	250PPBCN	250PPBCN	CAL6	10/20/17 15:38		OK	
7	500PPBCN	500PPBCN	CAL7	10/20/17 15:38		OK	
8	ICV1	ICV1	ICV	10/20/17 17:34		OK	
9	ICB1	ICB1	ICB	10/20/17 17:34		OK	
10	CCV1	CCV1	CCV	10/20/17 17:34		OK	
11	CCB1	CCB1	CCB	10/20/17 17:34		OK	
12	PB103494BL	PB103494BL	MB	10/20/17 17:34		OK	
13	I6017-04	COMP-1	SAM	10/20/17 17:34		OK	
14	I6017-04DUP	COMP-1DUP	DUP	10/20/17 17:39		OK	
15	I6017-08	RT3867-RT5158-CO	SAM	10/20/17 17:39		OK	
16	I6018-03	TR-05-101917	SAM	10/20/17 17:39		OK	
17	CCV2	CCV2	CCV	10/20/17 17:39		OK	
18	CCB2	CCB2	CCB	10/20/17 17:39		OK	



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB90988	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	LB90988
Lab Sample ID:	I6017-04	Matrix:	Solid
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0086	U	1	0.025		0.05	mg/Kg	10/20/2017	10/20/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB90988	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	RT3867-RT5158-COMP-2	SDG No.:	LB90988
Lab Sample ID:	I6017-08	Matrix:	Solid
Level (low/med):	low	% Solid:	84.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0075	U	1	0.025		0.05	mg/Kg	10/20/2017	10/20/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB90988	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	TR-05-101917	SDG No.:	LB90988
Lab Sample ID:	I6018-03	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	-0.0081	U	1	0.025		0.049	mg/Kg	10/20/2017	10/20/2017	9012B



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Report of Analysis

Client:		Date Collected:	10/19/2017 12:00:00 AM
Project:	LB90988	Date Received:	10/19/2017 12:00:00 AM
Client Sample ID:	TR-05-101917	SDG No.:	LB90988
Lab Sample ID:	I6018-03	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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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB90988

SDG No.: LB90988

Contract: _____ Lab Code: CHEM

Case No.: LB90988

SAS No.: LB90988

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		10/20/2017	17:34	LB90988
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/20/2017	17:39	LB90988



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90988

SDG No.: LB90988

Contract:

Lab Code: CHEM

Case No.: LB90988

SAS No.: LB90988

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.0003	+/-0.005	U		0.005		10/20/2017	17:34	LB90988



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90988

SDG No.: LB90988

Contract:

Lab Code: CHEM

Case No.: LB90988

SAS No.: LB90988

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00011	+/-0.005	U		0.005		10/20/2017	17:34	LB90988
CCB2	Reactive Cyanide	-0.00012	+/-0.005	U		0.005		10/20/2017	17:39	LB90988



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90988

SDG No.: LB90988

Contract: Lab Code: CHEM

Case No.: LB90988

SAS No.: LB90988

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: LB90988

SDG No.: LB90988

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
PB103494BL	Reactive Cyanide	SOLID -0.0026	<0.05	Batch Number: U		PB103494 0.05		Prep Date: 10/20/2017	10/20/2017 17:34	LB90988

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB90988 Level: LOW SDG No.: LB90988
Contract: _____ Lab Code: CHEM Case No.: LB90988 SAS No.: LB90988
Matrix: Solid Sample ID: I6017-04 Client ID: COMP-1DUP
Percent Solids for Sample: 86.3 Duplicate ID I6017-04DUP Percent Solids for Spike Sample: 86.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	-0.0084	U			