

Daily Analysis Runlog For Sequence/QC Batch ID # LB92568

Review By		Review On				
SubDirectory		LB92568		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP60880,WP60881,WP60882,WP60883,WP60884,WP60885,WP60886
ICV Standard	WP60888
CCV Standard	WP60887
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP60889,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	01/11/18 11:35		OK
2	5.0PPBCN	5.0PPBCN	CAL2	01/11/18 11:35		OK
3	10PPBCN	10PPBCN	CAL3	01/11/18 11:35		OK
4	50PPBCN	50PPBCN	CAL4	01/11/18 11:35		OK
5	100PPBCN	100PPBCN	CAL5	01/11/18 11:35		OK
6	250PPBCN	250PPBCN	CAL6	01/11/18 11:36		OK
7	500PPBCN	500PPBCN	CAL7	01/11/18 11:36		OK
8	ICV1	ICV1	ICV	01/11/18 14:54		OK
9	ICB1	ICB1	ICB	01/11/18 14:55		OK
10	CCV1	CCV1	CCV	01/11/18 14:55		OK
11	CCB1	CCB1	CCB	01/11/18 14:55		OK
12	PB105583BL	PB105583BL	MB	01/11/18 14:55		OK
13	J1078-05	PB-6-OW(8-32)	SAM	01/11/18 14:55		OK
14	J1078-05DUP	PB-6-OW(8-32)DUP	DUP	01/11/18 14:55		OK
15	J1088-04	TP-COMP	SAM	01/11/18 14:59		OK
16	CCV2	CCV2	CCV	01/11/18 14:59		OK
17	CCB2	CCB2	CCB	01/11/18 14:59		OK



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Report of Analysis

Client:		Date Collected:	1/8/2018 12:00:00 AM
Project:	LB92568	Date Received:	1/9/2018 12:00:00 AM
Client Sample ID:	PB-6-OW(8-32)	SDG No.:	LB92568
Lab Sample ID:	J1078-05	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	0.0038	U	1	0.025		0.05	mg/Kg	01/11/2018	01/11/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/10/2018 12:00:00 AM
Project:	LB92568	Date Received:	1/10/2018 12:00:00 AM
Client Sample ID:	TP-COMP	SDG No.:	LB92568
Lab Sample ID:	J1088-04	Matrix:	Solid
Level (low/med):	low	% Solid:	88.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0039	U	1	0.025		0.05	mg/Kg	01/11/2018	01/11/2018	9012B



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Report of Analysis

Client:		Date Collected:	1/10/2018 12:00:00 AM
Project:	LB92568	Date Received:	1/10/2018 12:00:00 AM
Client Sample ID:	TP-COMP	SDG No.:	LB92568
Lab Sample ID:	J1088-04	Matrix:	Solid
Level (low/med):	low	% Solid:	88.8

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

Sample ID	Analyte	Result	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
ICV1	Reactive Cyanide	0.098	0.099	99	0	85 - 115		01/11/2018	14:54	LB92568



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92568

SDG No.: LB92568

Contract: _____ Lab Code: CHEM

Case No.: LB92568

SAS No.: LB92568

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	0.25	0.25	100	0	90 - 110		01/11/2018	14:55	LB92568
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		01/11/2018	14:59	LB92568



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92568 **SDG No.:** LB92568
Contract: **Lab Code:** CHEM **Case No.:** LB92568 **SAS No.:** LB92568

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00085	+/-0.005	U		0.005		01/11/2018	14:55	LB92568



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92568

SDG No.: LB92568

Contract:

Lab Code: CHEM

Case No.: LB92568

SAS No.: LB92568

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00072	+/-0.005	U		0.005		01/11/2018	14:55	LB92568
CCB2	Reactive Cyanide	0.00095	+/-0.005	U		0.005		01/11/2018	14:59	LB92568



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92568

SDG No.: LB92568

Contract: Lab Code: CHEM

Case No.: LB92568

SAS No.: LB92568

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: LB92568

SDG No.: LB92568

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
PB105583BL	Reactive Cyanide	SOLID 0.008	<0.05	Batch Number: U		PB105583 0.05		Prep Date: 01/11/2018	01/11/2018 14:55	LB92568

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DUPLICATE SAMPLE SUMMARY

Client: LB92568 **Level:** LOW **SDG No.:** LB92568
Contract: **Lab Code:** CHEM **Case No.:** LB92568 **SAS No.:** LB92568
Matrix: Solid **Sample ID:** J1078-05 **Client ID:** PB-6-OW(8-32)DUP
Percent Solids for Sample: 100 **Duplicate ID** J1078-05DUP **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	0.0056	U			