

Daily Analysis Runlog For Sequence/QC Batch ID # LB93803

Review By		Review On				
SubDirectory		LB93803		Test : Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP62570,WP62571,WP62572,WP62573,WP62574,WP62575,WP62576
ICV Standard	W1542
CCV Standard	WP62577
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP58910
Chk Standard	WP62579,WP60878,WP59958

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/09/18 09:50		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/09/18 09:50		OK
3	10PPBCN	10PPBCN	CAL3	03/09/18 09:50		OK
4	50PPBCN	50PPBCN	CAL4	03/09/18 09:50		OK
5	100PPBCN	100PPBCN	CAL5	03/09/18 09:50		OK
6	250PPBCN	250PPBCN	CAL6	03/09/18 09:50		OK
7	500PPBCN	500PPBCN	CAL7	03/09/18 09:50		OK
8	ICV1	ICV1	ICV	03/09/18 14:49		OK
9	ICB1	ICB1	ICB	03/09/18 14:49		OK
10	CCV1	CCV1	CCV	03/09/18 14:49		OK
11	CCB1	CCB1	CCB	03/09/18 14:49		OK
12	PB107209BL	PB107209BL	MB	03/09/18 14:49		OK
13	PB107209BS	PB107209BS	LCS	03/09/18 14:49		OK
14	J1811-13	COMP-1	SAM	03/09/18 14:49		OK
15	J1811-13DUP	COMP-1DUP	DUP	03/09/18 15:06		OK
16	J1811-14	COMP-2	SAM	03/09/18 15:06		OK
17	CCV2	CCV2	CCV	03/09/18 15:06		OK
18	CCB2	CCB2	CCB	03/09/18 15:06		OK



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93803	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	LB93803
Lab Sample ID:	J1811-13	Matrix:	Solid
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.096	J	1	0.037		0.28	mg/Kg	03/08/2018	03/09/2018	9012B

Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93803	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	LB93803
Lab Sample ID:	J1811-14	Matrix:	Solid
Level (low/med):	low	% Solid:	83.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
57-12-5	Cyanide	0.039	J	1	0.039		0.3	mg/Kg	03/08/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/5/2018 12:00:00 AM
Project:	LB93803	Date Received:	3/5/2018 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	LB93803
Lab Sample ID:	J1811-14	Matrix:	Solid
Level (low/med):	low	% Solid:	83.7

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: LB93803

SDG No.: LB93803

Contract: _____ Lab Code: CHEM

Case No.: LB93803

SAS No.: LB93803

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
ICV1	Cyanide	0.098	0.099	99		85 - 115		03/09/2018	14:49	LB93803



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93803

SDG No.: LB93803

Contract: _____ Lab Code: CHEM

Case No.: LB93803

SAS No.: LB93803

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	Cyanide	0.25	0.25	100		90 - 110		03/09/2018	14:49	LB93803
CCV2	Cyanide	0.26	0.25	104		90 - 110		03/09/2018	15:06	LB93803



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93803 **SDG No.:** LB93803
Contract: **Lab Code:** CHEM **Case No.:** LB93803 **SAS No.:** LB93803

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	-0.00023	+/-0.005	U		0.005		03/09/2018	14:49	LB93803



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93803

SDG No.: LB93803

Contract:

Lab Code: CHEM

Case No.: LB93803

SAS No.: LB93803

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	-0.00041	+/-0.005	U		0.005		03/09/2018	14:49	LB93803
CCB2	Cyanide	-0.00013	+/-0.005	U		0.005		03/09/2018	15:06	LB93803



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93803

SDG No.: LB93803

Contract: Lab Code: CHEM

Case No.: LB93803

SAS No.: LB93803

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: LB93803

SDG No.: LB93803

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
PB107209BL	Cyanide	SOLID -0.00065	<0.005	Batch Number: U		0.005		Prep Date: 03/09/2018	14:49	LB93803

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DUPLICATE SAMPLE SUMMARY

Client: LB93803 **Level:** LOW **SDG No.:** LB93803
Contract: **Lab Code:** CHEM **Case No.:** LB93803 **SAS No.:** LB93803
Matrix: Solid **Sample ID:** J1811-13 **Client ID:** COMP-1DUP
Percent Solids for Sample: 86.5 **Duplicate ID** J1811-13DUP **Percent Solids for Spike Sample:** 86.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.096	J	0.097	J	1		