

Daily Analysis Runlog For Sequence/QC Batch ID # LB93797

Review By

Review On

SubDirectory

LB93797

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP62570,WP62571,WP62572,WP62573,WP62574,WP62575,WP62576
ICV Standard	wp62578
CCV Standard	WP62577
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
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 13:25		OK
9	ICB1	ICB1	ICB	03/09/18 13:25		OK
10	CCV1	CCV1	CCV	03/09/18 13:25		OK
11	CCB1	CCB1	CCB	03/09/18 13:25		OK
12	PB107205BL	PB107205BL	MB	03/09/18 13:25		OK
13	J1755-02	OK-03-030818	SAM	03/09/18 13:25		OK
14	J1755-02DUP	OK-03-030818DUP	DUP	03/09/18 13:25		OK
15	J1853-02	TP1-WC	SAM	03/09/18 13:25		OK
16	J1855-04	TP-6-COMP	SAM	03/09/18 13:25		OK
17	J1855-10	TP-7-B-COMP	SAM	03/09/18 13:25		OK
18	J1855-14	TP-4-COMP	SAM	03/09/18 13:29		OK
19	J1855-07	TP-7-A-COMP	SAM	03/09/18 13:54		OK
20	CCV2	CCV2	CCV	03/09/18 13:54		OK
21	CCB2	CCB2	CCB	03/09/18 13:54		OK



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	OK-03-030818	SDG No.:	LB93797
Lab Sample ID:	J1755-02	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	03/09/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP1-WC	SDG No.:	LB93797
Lab Sample ID:	J1853-02	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	-0.0049	U	1	0.025		0.05	mg/Kg	03/09/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP-6-COMP	SDG No.:	LB93797
Lab Sample ID:	J1855-04	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	-0.0066	U	1	0.025		0.05	mg/Kg	03/09/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP-7-A-COMP	SDG No.:	LB93797
Lab Sample ID:	J1855-07	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	-0.0053	U	1	0.025		0.05	mg/Kg	03/09/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP-7-B-COMP	SDG No.:	LB93797
Lab Sample ID:	J1855-10	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	-0.0077	U	1	0.025		0.05	mg/Kg	03/09/2018	03/09/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP-4-COMP	SDG No.:	LB93797
Lab Sample ID:	J1855-14	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	-0.0064	U	1	0.025		0.05	mg/Kg	03/09/2018	03/09/2018	9012B



Report of Analysis

Client:		Date Collected:	3/8/2018 12:00:00 AM
Project:	LB93797	Date Received:	3/8/2018 12:00:00 AM
Client Sample ID:	TP-4-COMP	SDG No.:	LB93797
Lab Sample ID:	J1855-14	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93797

SDG No.: LB93797

Contract: _____ Lab Code: CHEM

Case No.: LB93797

SAS No.: LB93797

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	Reactive Cyanide	0.097	0.099	98		85 - 115		03/09/2018	13:25	LB93797



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93797

SDG No.: LB93797

Contract: _____ Lab Code: CHEM

Case No.: LB93797

SAS No.: LB93797

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	0.24	0.25	96		90 - 110		03/09/2018	13:25	LB93797
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		03/09/2018	13:54	LB93797



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93797

SDG No.: LB93797

Contract:

Lab Code: CHEM

Case No.: LB93797

SAS No.: LB93797

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00037	+/-0.005	U		0.005		03/09/2018	13:25	LB93797



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93797

SDG No.: LB93797

Contract:

Lab Code: CHEM

Case No.: LB93797

SAS No.: LB93797

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00032	+/-0.005	U		0.005		03/09/2018	13:25	LB93797
CCB2	Reactive Cyanide	-0.00051	+/-0.005	U		0.005		03/09/2018	13:54	LB93797



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93797

SDG No.: LB93797

Contract: Lab Code: CHEM

Case No.: LB93797

SAS No.: LB93797

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: LB93797

SDG No.: LB93797

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
PB107205BL	Reactive Cyanide	SOLID -0.0069	<0.05	Batch Number: U		PB107205 0.05		Prep Date: 03/09/2018	03/09/2018 13:25	LB93797

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DUPLICATE SAMPLE SUMMARY

Client: LB93797 **Level:** LOW **SDG No.:** LB93797
Contract: _____ **Lab Code:** CHEM **Case No.:** LB93797 **SAS No.:** LB93797
Matrix: Solid **Sample ID:** J1755-02 **Client ID:** OK-03-030818DUP
Percent Solids for Sample: 100 **Duplicate ID** J1755-02DUP **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	-0.0066	U			