

Daily Analysis Runlog For Sequence/QC Batch ID # LB95080

Review By		Review On				
SubDirectory		LB95080		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64173,WP64174,WP64175,WP64176,WP64177,WP64178,WP64179				
ICV Standard		WP64181				
CCV Standard		WP64180				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64182,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/03/18 08:32		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/03/18 08:32		OK
3	10PPBCN	10PPBCN	CAL3	05/03/18 08:32		OK
4	50PPBCN	50PPBCN	CAL4	05/03/18 08:32		OK
5	100PPBCN	100PPBCN	CAL5	05/03/18 08:32		OK
6	250PPBCN	250PPBCN	CAL6	05/03/18 08:32		OK
7	500PPBCN	500PPBCN	CAL7	05/03/18 08:32		OK
8	ICV1	ICV1	ICV	05/03/18 13:53		OK
9	ICB1	ICB1	ICB	05/03/18 13:53		OK
10	CCV1	CCV1	CCV	05/03/18 13:53		OK
11	CCB1	CCB1	CCB	05/03/18 13:53		OK
12	PB108877BL	PB108877BL	MB	05/03/18 13:53		OK
13	J2706-04	001	SAM	05/03/18 13:53		OK
14	J2706-04DUP	001DUP	DUP	05/03/18 13:53		OK
15	J2706-05	002	SAM	05/03/18 13:53		OK
16	J2706-06	003	SAM	05/03/18 13:53		OK
17	J2713-04	TP-1	SAM	05/03/18 13:53		OK
18	J2713-08	TP-2	SAM	05/03/18 13:53		OK
19	CCV2	CCV2	CCV	05/03/18 13:56		OK
20	CCB2	CCB2	CCB	05/03/18 13:56		OK



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Report of Analysis

Client:		Date Collected:	4/30/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	001	SDG No.:	LB95080
Lab Sample ID:	J2706-04	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	-0.0055	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/30/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	002	SDG No.:	LB95080
Lab Sample ID:	J2706-05	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	-0.0092	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/30/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	003	SDG No.:	LB95080
Lab Sample ID:	J2706-06	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	-0.0073	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB95080
Lab Sample ID:	J2713-04	Matrix:	Solid
Level (low/med):	low	% Solid:	85.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0091	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	LB95080
Lab Sample ID:	J2713-08	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.01	U	1	0.025		0.05	mg/Kg	05/03/2018	05/03/2018	9012B



Report of Analysis

Client:		Date Collected:	5/2/2018 12:00:00 AM
Project:	LB95080	Date Received:	5/2/2018 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	LB95080
Lab Sample ID:	J2713-08	Matrix:	Solid
Level (low/med):	low	% Solid:	84.9

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: LB95080

SDG No.: LB95080

Contract: _____ Lab Code: CHEM

Case No.: LB95080

SAS No.: LB95080

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		05/03/2018	13:53	lb95080



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95080

SDG No.: LB95080

Contract: _____ Lab Code: CHEM

Case No.: LB95080

SAS No.: LB95080

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		05/03/2018	13:53	lb95080
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		05/03/2018	13:56	lb95080



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95080 **SDG No.:** LB95080
Contract: **Lab Code:** CHEM **Case No.:** LB95080 **SAS No.:** LB95080

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		05/03/2018	13:53	lb95080



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95080

SDG No.: LB95080

Contract:

Lab Code: CHEM

Case No.: LB95080

SAS No.: LB95080

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00088	+/-0.005	U		0.005		05/03/2018	13:53	1b95080
CCB2	Reactive Cyanide	-0.00039	+/-0.005	U		0.005		05/03/2018	13:56	1b95080



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95080

SDG No.: LB95080

Contract: Lab Code: CHEM

Case No.: LB95080

SAS No.: LB95080

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: LB95080

SDG No.: LB95080

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
PB108877BL	Reactive Cyanide	SOLID -0.0088	<0.05	Batch Number: U		PB108877 0.05		Prep Date: 05/03/2018	05/03/2018 13:53	lb95080

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95080 **Level:** LOW **SDG No.:** LB95080
Contract: **Lab Code:** CHEM **Case No.:** LB95080 **SAS No.:** LB95080
Matrix: Solid **Sample ID:** J2706-04 **Client ID:** 001DUP
Percent Solids for Sample: 100 **Duplicate ID** J2706-04DUP **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	-0.0055	U			