

Daily Analysis Runlog For Sequence/QC Batch ID # LB93396

Review By		Review On				
SubDirectory		LB93396		Test : Reactive Cyanide		

STD. NAME	STD REF.#
ICAL Standard	WP62122,WP62123,WP62124,WP62125,WP62126,WP62127,WP62128
ICV Standard	WP62130
CCV Standard	WP62129
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP62131,WP59958,WP60878

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/20/18 11:22		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/20/18 11:22		OK
3	10PPBCN	10PPBCN	CAL3	02/20/18 11:22		OK
4	50PPBCN	50PPBCN	CAL4	02/20/18 11:22		OK
5	100PPBCN	100PPBCN	CAL5	02/20/18 11:22		OK
6	250PPBCN	250PPBCN	CAL6	02/20/18 11:22		OK
7	500PPBCN	500PPBCN	CAL7	02/20/18 11:22		OK
8	ICV1	ICV1	ICV	02/20/18 11:46		OK
9	ICB1	ICB1	ICB	02/20/18 11:46		OK
10	CCV1	CCV1	CCV	02/20/18 11:46		OK
11	CCB1	CCB1	CCB	02/20/18 11:46		OK
12	PB106682BL	PB106682BL	MB	02/20/18 11:46		OK
13	J1619-01	BUS-WASH-SLUDGE	SAM	02/20/18 11:46		OK
14	J1619-01DUP	BUS-WASH-SLUDGE	DUP	02/20/18 11:46		OK
15	J1619-02	CHASSIS-WASH-SL	SAM	02/20/18 11:46		OK
16	CCV2	CCV2	CCV	02/20/18 11:46		OK
17	CCB2	CCB2	CCB	02/20/18 11:46		OK



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Report of Analysis

Client:		Date Collected:	2/16/2018 12:00:00 AM
Project:	LB93396	Date Received:	2/19/2018 12:00:00 AM
Client Sample ID:	BUS-WASH-SLUDGE-PIT	SDG No.:	LB93396
Lab Sample ID:	J1619-01	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	02/20/2018	02/20/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/16/2018 12:00:00 AM
Project:	LB93396	Date Received:	2/19/2018 12:00:00 AM
Client Sample ID:	CHASSIS-WASH-SLUDGE-PIT	SDG No.:	LB93396
Lab Sample ID:	J1619-02	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	-0.0023	U	1	0.025		0.05	mg/Kg	02/20/2018	02/20/2018	9012B



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Report of Analysis

Client:		Date Collected:	2/16/2018 12:00:00 AM
Project:	LB93396	Date Received:	2/19/2018 12:00:00 AM
Client Sample ID:	CHASSIS-WASH-SLUDGE-PIT	SDG No.:	LB93396
Lab Sample ID:	J1619-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB93396

SDG No.: LB93396

Contract: _____

Lab Code: CHEM

Case No.: LB93396

SAS No.: LB93396

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	0.095	0.099	96		85 - 115		02/20/2018	11:46	lb93396



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93396

SDG No.: LB93396

Contract: _____ Lab Code: CHEM

Case No.: LB93396

SAS No.: LB93396

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		02/20/2018	11:46	lb93396
CCV2	Reactive Cyanide	0.25	0.25	100		90 - 110		02/20/2018	11:46	lb93396



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93396 **SDG No.:** LB93396
Contract: **Lab Code:** CHEM **Case No.:** LB93396 **SAS No.:** LB93396

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00027	+/-0.005	U		0.005		02/20/2018	11:46	lb93396



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93396

SDG No.: LB93396

Contract:

Lab Code: CHEM

Case No.: LB93396

SAS No.: LB93396

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00034	+/-0.005	U		0.005		02/20/2018	11:46	lb93396
CCB2	Reactive Cyanide	-0.00026	+/-0.005	U		0.005		02/20/2018	11:46	lb93396



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93396

SDG No.: LB93396

Contract: Lab Code: CHEM

Case No.: LB93396

SAS No.: LB93396

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: LB93396

SDG No.: LB93396

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
PB106682BL	Reactive Cyanide	SOLID -0.0057	<0.05	Batch Number: U		PB106682 0.05		Prep Date: 02/20/2018	02/20/2018 11:46	lb93396

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93396 **Level:** LOW **SDG No.:** LB93396
Contract: **Lab Code:** CHEM **Case No.:** LB93396 **SAS No.:** LB93396
Matrix: Solid **Sample ID:** J1619-01 **Client ID:** BUS-WASH-SLUDGE-PITDUP
Percent Solids for Sample: 100 **Duplicate ID** J1619-01DUP **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	-0.0052	U			