

Daily Analysis Runlog For Sequence/QC Batch ID # LB95434

Review By

SubDirectory

Review On

Test : Reactive Cyanide

LB95434

STD. NAME		STD REF.#				
ICAL Standard		WP64556,WP64557,WP64558,WP64559,WP64560,WP64561,WP64562				
ICV Standard		WP64564				
CCV Standard		WP64563				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP64565,WP59958,WP60878				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	05/17/18 09:18		OK
2	5.0PPBCN	5.0PPBCN	CAL2	05/17/18 09:18		OK
3	10PPBCN	10PPBCN	CAL3	05/17/18 09:18		OK
4	50PPBCN	50PPBCN	CAL4	05/17/18 09:18		OK
5	100PPBCN	100PPBCN	CAL5	05/17/18 09:18		OK
6	250PPBCN	250PPBCN	CAL6	05/17/18 09:18		OK
7	500PPBCN	500PPBCN	CAL7	05/17/18 09:18		OK
8	ICV1	ICV1	ICV	05/17/18 14:38		OK
9	ICB1	ICB1	ICB	05/17/18 14:38		OK
10	CCV1	CCV1	CCV	05/17/18 14:38		OK
11	CCB1	CCB1	CCB	05/17/18 14:38		OK
12	PB109391BL	PB109391BL	MB	05/17/18 14:38		OK
13	J2966-04	BUR-DRUM-1-2	SAM	05/17/18 14:38		OK
14	J2966-04DUP	BUR-DRUM-1-2DUP	DUP	05/17/18 14:38		OK
15	J2966-08	TREN-DRUM-1	SAM	05/17/18 14:38		OK
16	J2967-06	RS-SOIL	SAM	05/17/18 14:38		OK
17	PB109392BL	PB109392BL	MB	05/17/18 14:38		OK
18	J2966-10	BUR-DRUM-1-TREN	SAM	05/17/18 14:38		OK
19	J2966-10DUP	BUR-DRUM-1-TREN	DUP	05/17/18 14:42		OK
20	CCV2	CCV2	CCV	05/17/18 14:42		OK
21	CCB2	CCB2	CCB	05/17/18 14:42		OK



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Report of Analysis

Client:		Date Collected:	5/16/2018 12:00:00 AM
Project:	LB95434	Date Received:	5/16/2018 12:00:00 AM
Client Sample ID:	BUR-DRUM-1-2	SDG No.:	LB95434
Lab Sample ID:	J2966-04	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	-0.0033	U	1	0.025		0.05	mg/Kg	05/17/2018	05/17/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/16/2018 12:00:00 AM
Project:	LB95434	Date Received:	5/16/2018 12:00:00 AM
Client Sample ID:	TREN-DRUM-1	SDG No.:	LB95434
Lab Sample ID:	J2966-08	Matrix:	Solid
Level (low/med):	low	% Solid:	62.5

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	05/17/2018	05/17/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/16/2018 12:00:00 AM
Project:	LB95434	Date Received:	5/16/2018 12:00:00 AM
Client Sample ID:	BUR-DRUM-1-TREN-DRUM-1	SDG No.:	LB95434
Lab Sample ID:	J2966-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.001	U	1	0.0025		0.005	mg/L	05/17/2018	05/17/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/16/2018 12:00:00 AM
Project:	LB95434	Date Received:	5/16/2018 12:00:00 AM
Client Sample ID:	RS-SOIL	SDG No.:	LB95434
Lab Sample ID:	J2967-06	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	-0.0026	U	1	0.025		0.05	mg/Kg	05/17/2018	05/17/2018	9012B



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Report of Analysis

Client:		Date Collected:	5/16/2018 12:00:00 AM
Project:	LB95434	Date Received:	5/16/2018 12:00:00 AM
Client Sample ID:	RS-SOIL	SDG No.:	LB95434
Lab Sample ID:	J2967-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95434

SDG No.: LB95434

Contract: _____ Lab Code: CHEM

Case No.: LB95434

SAS No.: LB95434

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		05/17/2018	14:38	lb95434



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95434

SDG No.: LB95434

Contract: _____ Lab Code: CHEM

Case No.: LB95434

SAS No.: LB95434

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		05/17/2018	14:38	lb95434
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		05/17/2018	14:42	lb95434



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95434

SDG No.: LB95434

Contract:

Lab Code: CHEM

Case No.: LB95434

SAS No.: LB95434

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00012	+/-0.005	U		0.005		05/17/2018	14:38	1b95434



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95434

SDG No.: LB95434

Contract:

Lab Code: CHEM

Case No.: LB95434

SAS No.: LB95434

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.0001	+/-0.005	U		0.005		05/17/2018	14:38	1b95434
CCB2	Reactive Cyanide	-0.00067	+/-0.005	U		0.005		05/17/2018	14:42	1b95434



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95434

SDG No.: LB95434

Contract: Lab Code: CHEM

Case No.: LB95434

SAS No.: LB95434

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: LB95434

SDG No.: LB95434

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
PB109391BL	Reactive Cyanide	SOLID		Batch Number:		PB109391		Prep Date:	05/17/2018	
		-0.0019	<0.05	U		0.05		05/17/2018	14:38	lb95434
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB109392BL	Reactive Cyanide	WATER		Batch Number:		PB109392		Prep Date:	05/17/2018	
		-0.00055	<0.005	U		0.005		05/17/2018	14:38	lb95434

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DUPLICATE SAMPLE SUMMARY

Client: LB95434 Level: LOW SDG No.: LB95434
Contract: _____ Lab Code: CHEM Case No.: LB95434 SAS No.: LB95434
Matrix: Solid Sample ID: J2966-04 Client ID: BUR-DRUM-1-2DUP
Percent Solids for Sample: 100 Duplicate ID J2966-04DUP 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	-0.0025	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB95434 **Level:** LOW **SDG No.:** LB95434
Contract: _____ **Lab Code:** CHEM **Case No.:** LB95434 **SAS No.:** LB95434
Matrix: WATER **Sample ID:** J2966-10 **Client ID:** BUR-DRUM-1-TREN-DRUM-1DUP
Percent Solids for Sample: 0 **Duplicate ID** J2966-10DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/L	20	0.0025	U	-0.00054	U			