

Daily Analysis Runlog For Sequence/QC Batch ID # LB94944

Review By

SubDirectory

Review On

Test : Reactive Cyanide

LB94944

STD. NAME	STD REF.#
ICAL Standard	WP64034,WP64035,WP64036,WP64037,WP64038,WP64039,WP64040
ICV Standard	WP64042
CCV Standard	WP64041
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP64043,WP59958,WP60878

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/27/18 11:23		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/27/18 11:24		OK
3	10PPBCN	10PPBCN	CAL3	04/27/18 11:24		OK
4	50PPBCN	50PPBCN	CAL4	04/27/18 11:24		OK
5	100PPBCN	100PPBCN	CAL5	04/27/18 11:24		OK
6	250PPBCN	250PPBCN	CAL6	04/27/18 11:24		OK
7	500PPBCN	500PPBCN	CAL7	04/27/18 11:24		OK
8	ICV1	ICV1	ICV	04/27/18 11:50		OK
9	ICB1	ICB1	ICB	04/27/18 11:50		OK
10	CCV1	CCV1	CCV	04/27/18 11:50		OK
11	CCB1	CCB1	CCB	04/27/18 11:50		OK
12	PB108673BL	PB108673BL	MB	04/27/18 11:50		OK
13	J2597-03	KS-RO-133	SAM	04/27/18 11:50		OK
14	J2597-03DUP	KS-RO-133DUP	DUP	04/27/18 11:50		OK
15	J2610-01	SB-01-WC	SAM	04/27/18 11:50		OK
16	PB108672BL	PB108672BL	MB	04/27/18 11:50		OK
17	J2564-07DUP	LS-UB-102DUP	DUP	04/27/18 11:55		OK
18	J2564-07	LS-UB-102	SAM	04/27/18 11:55		OK
19	J2608-02	CO-5-1	SAM	04/27/18 12:16		OK
20	CCV2	CCV2	CCV	04/27/18 12:16		OK
21	CCB2	CCB2	CCB	04/27/18 12:16		OK



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Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94944	Date Received:	4/26/2018 12:00:00 AM
Client Sample ID:	LS-UB-102	SDG No.:	LB94944
Lab Sample ID:	J2564-07	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	0.00017	U	1	0.0025		0.005	mg/L	04/27/2018	04/27/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94944	Date Received:	4/26/2018 12:00:00 AM
Client Sample ID:	KS-RO-133	SDG No.:	LB94944
Lab Sample ID:	J2597-03	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	-0.011	U	1	0.025		0.05	mg/Kg	04/27/2018	04/27/2018	9012B

Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94944	Date Received:	4/26/2018 12:00:00 AM
Client Sample ID:	CO-5-1	SDG No.:	LB94944
Lab Sample ID:	J2608-02	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	-0.0078	U	1	0.025		0.05	mg/Kg	04/27/2018	04/27/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94944	Date Received:	4/26/2018 12:00:00 AM
Client Sample ID:	SB-01-WC	SDG No.:	LB94944
Lab Sample ID:	J2610-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.012	U	1	0.025		0.05	mg/Kg	04/27/2018	04/27/2018	9012B



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Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94944	Date Received:	4/26/2018 12:00:00 AM
Client Sample ID:	SB-01-WC	SDG No.:	LB94944
Lab Sample ID:	J2610-01	Matrix:	Solid
Level (low/med):	low	% Solid:	84.2

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

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Reactive Cyanide	0.098	0.099	99		85 - 115		04/27/2018	11:50	1b94944



GENCHEM

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94944

SDG No.: LB94944

Contract: _____ Lab Code: CHEM

Case No.: LB94944

SAS No.: LB94944

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	0.25	0.25	100		90 - 110		04/27/2018	11:50	lb94944
CCV2	Reactive Cyanide	0.27	0.25	108		90 - 110		04/27/2018	12:16	lb94944



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94944

SDG No.: LB94944

Contract:

Lab Code: CHEM

Case No.: LB94944

SAS No.: LB94944

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00029	+/-0.005	U		0.005		04/27/2018	11:50	1b94944



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94944

SDG No.: LB94944

Contract: _____

Lab Code: CHEM

Case No.: LB94944

SAS No.: LB94944

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00025	+/-0.005	U		0.005		04/27/2018	11:50	1b94944
CCB2	Reactive Cyanide	-0.00068	+/-0.005	U		0.005		04/27/2018	12:16	1b94944



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94944

SDG No.: LB94944

Contract: Lab Code: CHEM

Case No.: LB94944

SAS No.: LB94944

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: LB94944

SDG No.: LB94944

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB108672BL	Reactive Cyanide	WATER		Batch Number:		PB108672		Prep Date:	04/27/2018	
		-0.0011	<0.005	U		0.005		04/27/2018	11:50	lb94944
Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB108673BL	Reactive Cyanide	SOLID		Batch Number:		PB108673		Prep Date:	04/27/2018	
		-0.003	<0.05	U		0.05		04/27/2018	11:50	lb94944

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DUPLICATE SAMPLE SUMMARY

Client: LB94944 Level: LOW SDG No.: LB94944
Contract: _____ Lab Code: CHEM Case No.: LB94944 SAS No.: LB94944
Matrix: WATER Sample ID: J2564-07 Client ID: LS-UB-102DUP
Percent Solids for Sample: 0 Duplicate ID J2564-07DUP 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	-0.00042	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB94944 **Level:** LOW **SDG No.:** LB94944
Contract: **Lab Code:** CHEM **Case No.:** LB94944 **SAS No.:** LB94944
Matrix: Solid **Sample ID:** J2597-03 **Client ID:** KS-RO-133DUP
Percent Solids for Sample: 100 **Duplicate ID** J2597-03DUP **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	-0.003	U			