

Daily Analysis Runlog For Sequence/QC Batch ID # LB94068

Review By		Review On				
SubDirectory		LB94068		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP62907,WP62908,WP62909,WP62910,WP62911,WP62912,WP62913				
ICV Standard		WP62915				
CCV Standard		WP62914				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP62916,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	03/22/18 11:38		OK
2	5.0PPBCN	5.0PPBCN	CAL2	03/22/18 11:38		OK
3	10PPBCN	10PPBCN	CAL3	03/22/18 11:38		OK
4	50PPBCN	50PPBCN	CAL4	03/22/18 11:38		OK
5	100PPBCN	100PPBCN	CAL5	03/22/18 11:38		OK
6	250PPBCN	250PPBCN	CAL6	03/22/18 11:38		OK
7	500PPBCN	500PPBCN	CAL7	03/22/18 11:38		OK
8	ICV1	ICV1	ICV	03/22/18 14:14		OK
9	ICB1	ICB1	ICB	03/22/18 14:14		OK
10	CCV1	CCV1	CCV	03/22/18 14:14		OK
11	CCB1	CCB1	CCB	03/22/18 14:14		OK
12	PB107566BL	PB107566BL	MB	03/22/18 14:14		OK
13	J1990-02	WELL-A	SAM	03/22/18 14:14		OK
14	J1990-02DUP	WELL-ADUP	DUP	03/22/18 14:14		OK
15	J1992-02	DRUM-1-4-A	SAM	03/22/18 14:14		OK
16	J1993-05	TP-6-MH-A	SAM	03/22/18 14:14		OK
17	J2002-04	TP-4-MH-B	SAM	03/22/18 14:14		OK
18	J2002-05	TP-4-MH-B	SAM	03/22/18 14:14		OK
19	CCV2	CCV2	CCV	03/22/18 14:17		OK
20	CCB2	CCB2	CCB	03/22/18 14:17		OK



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Report of Analysis

Client:		Date Collected:	3/20/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	WELL-A	SDG No.:	LB94068
Lab Sample ID:	J1990-02	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	-0.00069	U	1	0.0025		0.005	mg/L	03/22/2018	03/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/20/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	DRUM-1-4-A	SDG No.:	LB94068
Lab Sample ID:	J1992-02	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	-0.00071	U	1	0.0025		0.005	mg/L	03/22/2018	03/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/19/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	TP-6-MH-A	SDG No.:	LB94068
Lab Sample ID:	J1993-05	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	-0.00067	U	1	0.0025		0.005	mg/L	03/22/2018	03/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/20/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	TP-4-MH-B	SDG No.:	LB94068
Lab Sample ID:	J2002-04	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	-0.00046	U	1	0.0025		0.005	mg/L	03/22/2018	03/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/20/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	TP-4-MH-B	SDG No.:	LB94068
Lab Sample ID:	J2002-05	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	-0.00066	U	1	0.0025		0.005	mg/L	03/22/2018	03/22/2018	9012B



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Report of Analysis

Client:		Date Collected:	3/20/2018 12:00:00 AM
Project:	LB94068	Date Received:	3/20/2018 12:00:00 AM
Client Sample ID:	TP-4-MH-B	SDG No.:	LB94068
Lab Sample ID:	J2002-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

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	True Value	%	Acceptance	M	Analysis	Analysis	Run
		mg/L		Recovery	Window (%R)		Date	Time	Number
ICV1	Reactive Cyanide	0.096	0.099	97	85 - 115		03/22/2018	14:14	LB94068



GENCHEM

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94068

SDG No.: LB94068

Contract: _____ Lab Code: CHEM

Case No.: LB94068

SAS No.: LB94068

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		03/22/2018	14:14	LB94068
CCV2	Reactive Cyanide	0.26	0.25	104		90 - 110		03/22/2018	14:17	LB94068



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94068

SDG No.: LB94068

Contract:

Lab Code: CHEM

Case No.: LB94068

SAS No.: LB94068

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00064	+/-0.005	U		0.005		03/22/2018	14:14	LB94068



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94068

SDG No.: LB94068

Contract:

Lab Code: CHEM

Case No.: LB94068

SAS No.: LB94068

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0.00059	+/-0.005	U		0.005		03/22/2018	14:14	LB94068
CCB2	Reactive Cyanide	-0.00044	+/-0.005	U		0.005		03/22/2018	14:17	LB94068



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94068

SDG No.: LB94068

Contract: Lab Code: CHEM

Case No.: LB94068

SAS No.: LB94068

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: LB94068

SDG No.: LB94068

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
PB107566BL	Reactive Cyanide	WATER -0.00078	<0.005	Batch Number: U		PB107566 0.005		Prep Date: 03/22/2018	03/22/2018 14:14	LB94068

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DUPLICATE SAMPLE SUMMARY

Client: LB94068 **Level:** LOW **SDG No.:** LB94068
Contract: **Lab Code:** CHEM **Case No.:** LB94068 **SAS No.:** LB94068
Matrix: WATER **Sample ID:** J1990-02 **Client ID:** WELL-ADUP
Percent Solids for Sample: 0 **Duplicate ID** J1990-02DUP **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	-0.00062	U			