

Daily Analysis Runlog For Sequence/QC Batch ID # LB94357

Review By		Review On				
SubDirectory		LB94357		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP63362,WP63363,WP63364,WP63365,WP63366,WP63367,WP63368				
ICV Standard		W1542				
CCV Standard		WP63369				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP63371,WP59958,WP60878				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/04/18 08:21		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/04/18 08:21		OK
3	10PPBCN	10PPBCN	CAL3	04/04/18 08:21		OK
4	50PPBCN	50PPBCN	CAL4	04/04/18 08:21		OK
5	100PPBCN	100PPBCN	CAL5	04/04/18 08:21		OK
6	250PPBCN	250PPBCN	CAL6	04/04/18 08:21		OK
7	500PPBCN	500PPBCN	CAL7	04/04/18 08:21		OK
8	ICV1	ICV1	ICV	04/04/18 10:31		OK
9	ICB1	ICB1	ICB	04/04/18 10:31		OK
10	CCV1	CCV1	CCV	04/04/18 10:31		OK
11	CCB1	CCB1	CCB	04/04/18 10:31		OK
12	PB107952BL	PB107952BL	MB	04/04/18 10:31		OK
13	PB107952BS	PB107952BS	LCS	04/04/18 10:31		OK
14	MIDPB107952	MIDPB107952	SAM	04/04/18 10:31		OK
15	J2133-10	LOD-MDL-WATER-04	SAM	04/04/18 10:31		OK
16	J2133-11	LOQ-WATER-05-QT2	LOQ	04/04/18 10:31		OK
17	J2133-12	MDL-WATER-06-QT2	SAM	04/04/18 10:31		OK
18	CCV2	CCV2	CCV	04/04/18 10:31		OK
19	CCB2	CCB2	CCB	04/04/18 10:34		OK



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94357	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-04-QT2-2018	SDG No.:	LB94357
Lab Sample ID:	J2133-10	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.0018	J	1	0.001		0.005	mg/L	04/03/2018	04/04/2018	SM4500-CN C, I



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Report of Analysis

Client:		Date Collected:	3/29/2018 12:00:00 AM
Project:	LB94357	Date Received:	3/29/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT2-2018	SDG No.:	LB94357
Lab Sample ID:	J2133-12	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.0016	J	1	0.001		0.005	mg/L	04/03/2018	04/04/2018	SM4500-CN C, ¹



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Report of Analysis

Client:		Date Collected:	
Project:	LB94357	Date Received:	
Client Sample ID:	MIDPB107952	SDG No.:	LB94357
Lab Sample ID:	MIDPB107952	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	0.24		1	0.001		0.005	mg/L		04/04/2018	SM4500-CN C,]



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Report of Analysis

Client:		Date Collected:	
Project:	LB94357	Date Received:	
Client Sample ID:	MIDPB107952	SDG No.:	LB94357
Lab Sample ID:	MIDPB107952	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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94357

SDG No.: LB94357

Contract: _____

Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

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	Cyanide	0.094	0.099	94.9		85 - 115		04/04/2018	10:31	lb94357



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94357

SDG No.: LB94357

Contract: _____ Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

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	Cyanide	0.24	0.25	96		90 - 110		04/04/2018	10:31	lb94357
CCV2	Cyanide	0.25	0.25	100		90 - 110		04/04/2018	10:31	lb94357



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94357 **SDG No.:** LB94357
Contract: **Lab Code:** CHEM **Case No.:** LB94357 **SAS No.:** LB94357

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00039	+/-0.005	U		0.005		04/04/2018	10:31	lb94357



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94357

SDG No.: LB94357

Contract:

Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00026	+/-0.005	U		0.005		04/04/2018	10:31	1b94357
CCB2	Cyanide	-0.00016	+/-0.005	U		0.005		04/04/2018	10:34	1b94357



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94357

SDG No.: LB94357

Contract: Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

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: LB94357

SDG No.: LB94357

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
PB107952BL	Cyanide	WATER 0.00027	<0.005	Batch Number: U		PB107952 0.005		Prep Date: 04/04/2018	04/03/2018 10:31	lb94357



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94357

SDG No.: LB94357

Contract:

Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
J2133-11 Cyanide	mg/L	0.01	0.0081		81	50 - 150	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94357

SDG No.: LB94357

Contract:

Lab Code: CHEM

Case No.: LB94357

SAS No.: LB94357

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB107952BS Cyanide	mg/L	0.1	0.097		97	85 - 115	