

Daily Analysis Runlog For Sequence/QC Batch ID # LB93176

Review By		Review On				
SubDirectory		LB93176		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61715,WP61716,WP61717,WP61718,WP61719,WP61720,WP61721				
ICV Standard		W1542				
CCV Standard		WP61722				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP61725,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/08/18 10:01		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/08/18 10:01		OK
3	10PPBCN	10PPBCN	CAL3	02/08/18 10:01		OK
4	50PPBCN	50PPBCN	CAL4	02/08/18 10:01		OK
5	100PPBCN	100PPBCN	CAL5	02/08/18 10:01		OK
6	250PPBCN	250PPBCN	CAL6	02/08/18 10:01		OK
7	500PPBCN	500PPBCN	CAL7	02/08/18 10:01		OK
8	ICV1	ICV1	ICV	02/08/18 16:13		OK
9	ICB1	ICB1	ICB	02/08/18 16:13		OK
10	CCV1	CCV1	CCV	02/08/18 16:13		OK
11	CCB1	CCB1	CCB	02/08/18 16:13		OK
12	PB106411BL	PB106411BL	MB	02/08/18 16:13		OK
13	PB106411BS	PB106411BS	LCS	02/08/18 16:13		OK
14	MIDPB106411	MIDPB106411	SAM	02/08/18 16:13		OK
15	J1161-10	LOD-MDL-WATER-0	SAM	02/08/18 16:18		OK
16	J1161-12	MDL-WATER-06-QT	SAM	02/08/18 16:18		OK
17	CCV2	CCV2	CCV	02/08/18 16:18		OK
18	CCB2	CCB2	CCB	02/08/18 16:18		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93176	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-04-QT1-2018	SDG No.:	LB93176
Lab Sample ID:	J1161-10	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	0.0019	J	1	0.001		0.005	mg/L	02/08/2018	02/08/2018	SM4500-CN C, I



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93176	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT1-2018	SDG No.:	LB93176
Lab Sample ID:	J1161-12	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	0.0023	J	1	0.001		0.005	mg/L	02/08/2018	02/08/2018	SM4500-CN C, ¹



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Report of Analysis

Client:		Date Collected:	
Project:	LB93176	Date Received:	
Client Sample ID:	MIDPB106411	SDG No.:	LB93176
Lab Sample ID:	MIDPB106411	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		02/08/2018	SM4500-CN C, I



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Report of Analysis

Client:		Date Collected:	
Project:	LB93176	Date Received:	
Client Sample ID:	MIDPB106411	SDG No.:	LB93176
Lab Sample ID:	MIDPB106411	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: LB93176

SDG No.: LB93176

Contract: _____ Lab Code: CHEM

Case No.: LB93176

SAS No.: LB93176

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	0.096	0.099	97		85 - 115		02/08/2018	16:13	LB93176



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93176

SDG No.: LB93176

Contract: _____ Lab Code: CHEM

Case No.: LB93176

SAS No.: LB93176

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		02/08/2018	16:13	LB93176
CCV2	Cyanide	0.25	0.25	100		90 - 110		02/08/2018	16:18	LB93176



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93176 **SDG No.:** LB93176
Contract: **Lab Code:** CHEM **Case No.:** LB93176 **SAS No.:** LB93176

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.0005	+/-0.005	U		0.005		02/08/2018	16:13	LB93176

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00048	+/-0.005	U		0.005		02/08/2018	16:13	LB93176
CCB2	Cyanide	0.00025	+/-0.005	U		0.005		02/08/2018	16:18	LB93176



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB93176

SDG No.:

LB93176

Contract:

Lab Code:

CHEM

Case No.:

LB93176

SAS No.:

LB93176

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: LB93176

SDG No.: LB93176

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
PB106411BL	Cyanide	WATER 0.00028	<0.005	Batch Number: U		PB106411 0.005		Prep Date: 02/08/2018	02/08/2018 16:13	LB93176



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93176

SDG No.: LB93176

Contract:

Lab Code: CHEM

Case No.: LB93176

SAS No.: LB93176

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106411BS Cyanide	mg/L	0.1	0.096		96	85 - 115	