

Daily Analysis Runlog For Sequence/QC Batch ID # LB93141

Review By		Review On				
SubDirectory		LB93141		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP61647,WP61648,WP61649,WP61650,WP61651,WP61652,WP61653				
ICV Standard		W1542				
CCV Standard		WP61654				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP58910				
Chk Standard		WP61657,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	02/07/18 10:16		OK
2	5.0PPBCN	5.0PPBCN	CAL2	02/07/18 10:16		OK
3	10PPBCN	10PPBCN	CAL3	02/07/18 10:16		OK
4	50PPBCN	50PPBCN	CAL4	02/07/18 10:16		OK
5	100PPBCN	100PPBCN	CAL5	02/07/18 10:16		OK
6	250PPBCN	250PPBCN	CAL6	02/07/18 10:16		OK
7	500PPBCN	500PPBCN	CAL7	02/07/18 10:16		OK
8	ICV1	ICV1	ICV	02/07/18 14:21		OK
9	ICB1	ICB1	ICB	02/07/18 14:21		OK
10	CCV1	CCV1	CCV	02/07/18 14:21		OK
11	CCB1	CCB1	CCB	02/07/18 14:21		OK
12	PB106368BL	PB106368BL	MB	02/07/18 14:21		OK
13	PB106368BS	PB106368BS	LCS	02/07/18 14:21		OK
14	MIDPB106368	MIDPB106368	SAM	02/07/18 14:21		OK
15	J1161-10	LOD-MDL-WATER-0	SAM	02/07/18 14:25		OK
16	J1161-12	MDL-WATER-06-QT	SAM	02/07/18 14:25		OK
17	CCV2	CCV2	CCV	02/07/18 14:25		OK
18	CCB2	CCB2	CCB	02/07/18 14:25		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93141	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-04-QT1-2018	SDG No.:	LB93141
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	0.003	J	1	0.001		0.005	mg/L	02/07/2018	02/07/2018	SM4500-CN C, I



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93141	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-06-QT1-2018	SDG No.:	LB93141
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	0.0025	J	1	0.001		0.005	mg/L	02/07/2018	02/07/2018	SM4500-CN C, ¹



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Report of Analysis

Client:		Date Collected:	
Project:	LB93141	Date Received:	
Client Sample ID:	MIDPB106368	SDG No.:	LB93141
Lab Sample ID:	MIDPB106368	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		02/07/2018	SM4500-CN C,]



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Report of Analysis

Client:		Date Collected:	
Project:	LB93141	Date Received:	
Client Sample ID:	MIDPB106368	SDG No.:	LB93141
Lab Sample ID:	MIDPB106368	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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93141

SDG No.: LB93141

Contract: _____ Lab Code: CHEM

Case No.: LB93141

SAS No.: LB93141

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		02/07/2018	14:21	LB93141
CCV2	Cyanide	0.26	0.25	104		90 - 110		02/07/2018	14:25	LB93141



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93141 **SDG No.:** LB93141
Contract: **Lab Code:** CHEM **Case No.:** LB93141 **SAS No.:** LB93141

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00074	+/-0.005	U		0.005		02/07/2018	14:21	LB93141



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>LB93141</u>		SDG No.: <u>LB93141</u>								
Contract: _____	Lab Code: <u>CHEM</u>	Case No.: <u>LB93141</u>			SAS No.: <u>LB93141</u>					
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.0005	+/-0.005	U		0.005		02/07/2018	14:21	LB93141
CCB2	Cyanide	0.00048	+/-0.005	U		0.005		02/07/2018	14:25	LB93141



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

LB93141

SDG No.:

LB93141

Contract:

Lab Code:

CHEM

Case No.:

LB93141

SAS No.:

LB93141

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: LB93141

SDG No.: LB93141

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
PB106368BL	Cyanide	WATER 0.00037	<0.005	Batch Number: U		PB106368 0.005		Prep Date: 02/07/2018	02/07/2018 14:21	LB93141



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93141

SDG No.: LB93141

Contract:

Lab Code: CHEM

Case No.: LB93141

SAS No.: LB93141

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106368BS Cyanide	mg/L	0.1	0.095		95	85 - 115	