

Daily Analysis Runlog For Sequence/QC Batch ID # LB94055

Review By		Review On				
SubDirectory		LB94055		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP62901				
ICV Standard		WP62905				
CCV Standard		WP62904				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62638				
Chk Standard		WP61582,WP62824,WP62827,WP62828				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	03/22/18 08:43		OK
2	0.2PPM	0.2PPM	CAL2	03/22/18 08:43		OK
3	0.4PPM	0.4PPM	CAL3	03/22/18 08:43		OK
4	1.0PPM	1.0PPM	CAL4	03/22/18 08:43		OK
5	1.3PPM	1.3PPM	CAL5	03/22/18 08:43		OK
6	2.0PPM	2.0PPM	CAL6	03/22/18 08:43		OK
7	ICV1	ICV1	ICV	03/22/18 10:10		OK
8	ICB1	ICB1	ICB	03/22/18 10:10		OK
9	CCV1	CCV1	CCV	03/22/18 10:10		OK
10	CCB1	CCB1	CCB	03/22/18 10:10		OK
11	PB107428BL	PB107428BL	MB	03/22/18 10:10		OK
12	PB107428BS	PB107428BS	LCS	03/22/18 10:10		OK
13	J1161-07	LOD-MDL-WATER-0	SAM	03/22/18 10:10		OK
14	J1161-09	MDL-WATER-03-QT	SAM	03/22/18 10:10		OK
15	CCV2	CCV2	CCV	03/22/18 10:10		OK
16	CCB2	CCB2	CCB	03/22/18 10:10		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94055	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2018	SDG No.:	LB94055
Lab Sample ID:	J1161-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	0.13		1	0.034		0.1	mg/L	03/16/2018	03/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94055	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB94055
Lab Sample ID:	J1161-09	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	0.12		1	0.034		0.1	mg/L	03/16/2018	03/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB94055	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB94055
Lab Sample ID:	J1161-09	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: LB94055

SDG No.: LB94055

Contract: _____ Lab Code: CHEM

Case No.: LB94055

SAS No.: LB94055

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	Ammonia as N	1	1	100		90 - 110		03/22/2018	10:10	LB94055



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94055

SDG No.: LB94055

Contract: _____ Lab Code: CHEM

Case No.: LB94055

SAS No.: LB94055

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	Ammonia as N	0.96	1	96		90 - 110		03/22/2018	10:10	LB94055
CCV2	Ammonia as N	0.99	1	99		90 - 110		03/22/2018	10:10	LB94055



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94055

SDG No.: LB94055

Contract:

Lab Code: CHEM

Case No.: LB94055

SAS No.: LB94055

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.022	+/-0.1	U		0.1		03/22/2018	10:10	LB94055



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94055		SDG No.: LB94055								
Contract:	Lab Code: CHEM	Case No.: LB94055	SAS No.: LB94055							
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.024	+/-0.1	U		0.1		03/22/2018	10:10	LB94055
CCB2	Ammonia as N	0.025	+/-0.1	U		0.1		03/22/2018	10:10	LB94055



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94055

SDG No.: LB94055

Contract: Lab Code: CHEM

Case No.: LB94055

SAS No.: LB94055

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: LB94055

SDG No.: LB94055

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
PB107428BL	Ammonia as N	WATER 0.023	<0.1	Batch Number: U		PB107428 0.1		Prep Date: 03/22/2018	03/16/2018 10:10	LB94055



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94055

SDG No.: LB94055

Contract:

Lab Code: CHEM

Case No.: LB94055

SAS No.: LB94055

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB107428BS Ammonia as N	mg/L	1	0.92		92	80 - 120	