

Daily Analysis Runlog For Sequence/QC Batch ID # LB93473

Review By		Review On				
SubDirectory		LB93473		Test : Nitrate+Nitrite		
STD. NAME		STD REF.#				
ICAL Standard		WP63175				
ICV Standard		WP63177				
CCV Standard		WP63176				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP63177				
Chk Standard		WP62834				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0061PPM	0.0061PPM	CAL1	03/29/18 14:51		OK
2	0.0122PPM	0.0122PPM	CAL2	03/29/18 14:51		OK
3	0.0243PPM	0.0243PPM	CAL3	03/29/18 14:51		OK
4	0.0608PPM	0.0608PPM	CAL4	03/29/18 14:51		OK
5	0.1216PPM	0.1216PPM	CAL5	03/29/18 14:51		OK
6	0.304PPM	0.304PPM	CAL6	03/29/18 14:51		OK
7	0.608PPM	0.608PPM	CAL7	03/29/18 14:51		OK
8	ICV1	ICV1	ICV	03/29/18 15:39		OK
9	ICB1	ICB1	ICB	03/29/18 15:39		OK
10	CCV1	CCV1	CCV	03/29/18 15:39		OK
11	CCB1	CCB1	CCB	03/29/18 15:39		OK
12	LB93473BLW	LB93473BLW	MB	03/29/18 15:39		OK
13	LB93473BSW	LB93473BSW	LCS	03/29/18 15:39		OK
14	J1161-07	LOD-MDL-WATER-0	SAM	03/29/18 15:39		OK
15	J1161-09	MDL-WATER-03-QT	SAM	03/29/18 15:39		OK
16	CCV2	CCV2	CCV	03/29/18 15:39		OK
17	CCB2	CCB2	CCB	03/29/18 15:39		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93473	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2018	SDG No.:	LB93473
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.
	Nitrate+Nitrite	0.0028	U	1	0.003		0.006	mg/L		03/29/2018	SM4500-NO2 E



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93473	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB93473
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.
	Nitrate+Nitrite	0.0025	U	1	0.003		0.006	mg/L		03/29/2018	SM4500-NO2 E



Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93473	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB93473
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: LB93473

SDG No.: LB93473

Contract: _____ Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

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	Nitrate+Nitrite	0.31	0.3	103.3		90 - 110		03/29/2018	15:39	LB93473



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93473

SDG No.: LB93473

Contract: _____ Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

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	Nitrate+Nitrite	0.32	0.3	106.7		90 - 110		03/29/2018	15:39	LB93473
CCV2	Nitrate+Nitrite	0.32	0.3	106.7		90 - 110		03/29/2018	15:39	LB93473



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93473

SDG No.: LB93473

Contract:

Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Nitrate+Nitrite	-0.0015	+/-0.006	U		0.006		03/29/2018	15:39	LB93473



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93473

SDG No.: LB93473

Contract:

Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Nitrate+Nitrite	-0.0009	+/-0.006	U		0.006		03/29/2018	15:39	LB93473
CCB2	Nitrate+Nitrite	-0.0012	+/-0.006	U		0.006		03/29/2018	15:39	LB93473



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93473

SDG No.: LB93473

Contract: Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

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: LB93473

SDG No.: LB93473

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
LB93473BLW	Nitrate+Nitrite	WATER -0.0013	<0.006	Batch Number: U		0.006		Prep Date: 03/29/2018	15:39	LB93473



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93473

SDG No.: LB93473

Contract:

Lab Code: CHEM

Case No.: LB93473

SAS No.: LB93473

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
LB93473BSW Nitrate+Nitrite	mg/L	0.3	0.32		106.7	80 - 120	