

Daily Analysis Runlog For Sequence/QC Batch ID # LB93444

Review By		Review On				
SubDirectory		LB93444		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP62180				
ICV Standard		WP62182				
CCV Standard		WP62181				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62171				
Chk Standard		WP61582,WP61176,WP61174,WP61175				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	02/22/18 08:14		OK
2	0.2PPM	0.2PPM	CAL2	02/22/18 08:14		OK
3	0.4PPM	0.4PPM	CAL3	02/22/18 08:14		OK
4	1.0PPM	1.0PPM	CAL4	02/22/18 08:14		OK
5	1.3PPM	1.3PPM	CAL5	02/22/18 08:14		OK
6	2.0PPM	2.0PPM	CAL6	02/22/18 08:14		OK
7	ICV1	ICV1	ICV	02/22/18 10:02		OK
8	ICB1	ICB1	ICB	02/22/18 10:02		OK
9	CCV1	CCV1	CCV	02/22/18 10:02		OK
10	CCB1	CCB1	CCB	02/22/18 10:02		OK
11	PB106737BL	PB106737BL	MB	02/22/18 10:02		OK
12	PB106737BS	PB106737BS	LCS	02/22/18 10:02		OK
13	J1161-01	LOD-MDL-SOIL-01-Q	SAM	02/22/18 10:02		OK
14	J1161-03	MDL-SOIL-03-QT1-2	SAM	02/22/18 10:02		OK
15	MDL-SOIL-03	MDL-SOIL-03	SAM	02/22/18 10:02		OK
16	PB106738BL	PB106738BL	MB	02/22/18 10:02		OK
17	PB106738BS	PB106738BS	LCS	02/22/18 10:02		OK
18	J1161-07	LOD-MDL-WATER-0	SAM	02/22/18 10:02		OK
19	J1161-09	MDL-WATER-03-QT1	SAM	02/22/18 10:08		OK
20	MDL-WATER-03	MDL-WATER-03	SAM	02/22/18 10:08		OK
21	CCV2	CCV2	CCV	02/22/18 10:08		OK



Instrument ID : KONELAB

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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SubDirectory		LB93444		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP62180				
ICV Standard		WP62182				
CCV Standard		WP62181				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62171				
Chk Standard		WP61582,WP61176,WP61174,WP61175				
22	CCB2	CCB2	CCB	02/22/18 10:08		OK



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93444	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-SOIL-01-QT1-2018	SDG No.:	LB93444
Lab Sample ID:	J1161-01	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	5.7		1	1.7		4.9	mg/Kg	02/21/2018	02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93444	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-SOIL-03-QT1-2018	SDG No.:	LB93444
Lab Sample ID:	J1161-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	6.8		1	1.6		4.8	mg/Kg	02/21/2018	02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93444	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	LOD-MDL-WATER-01-QT1-2018	SDG No.:	LB93444
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	0.1		1	0.034		0.1	mg/L	02/21/2018	02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/16/2018 12:00:00 AM
Project:	LB93444	Date Received:	1/16/2018 12:00:00 AM
Client Sample ID:	MDL-WATER-03-QT1-2018	SDG No.:	LB93444
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	0.16		1	0.034		0.1	mg/L	02/21/2018	02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	
Project:	LB93444	Date Received:	
Client Sample ID:	MDL-SOIL-03	SDG No.:	LB93444
Lab Sample ID:	MDL-SOIL-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	0.1		1	0.034		0.1	mg/Kg		02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	
Project:	LB93444	Date Received:	
Client Sample ID:	MDL-WATER-03	SDG No.:	LB93444
Lab Sample ID:	MDL-WATER-03	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	0.11		1	0.034		0.1	mg/L		02/22/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	
Project:	LB93444	Date Received:	
Client Sample ID:	MDL-WATER-03	SDG No.:	LB93444
Lab Sample ID:	MDL-WATER-03	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: LB93444

SDG No.: LB93444

Contract: _____

Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

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	0.94	1	94		90 - 110		02/22/2018	10:02	LB93444



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93444

SDG No.: LB93444

Contract: _____ Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

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	0.91	1	91		90 - 110		02/22/2018	10:02	LB93444
CCV2	Ammonia as N	0.98	1	98		90 - 110		02/22/2018	10:08	LB93444



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93444

SDG No.: LB93444

Contract:

Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.02	+/-0.1	U			0.1	02/22/2018	10:02	LB93444



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93444

SDG No.: LB93444

Contract:

Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.017	+/-0.1	U			0.1	02/22/2018	10:02	LB93444
CCB2	Ammonia as N	0.02	+/-0.1	U			0.1	02/22/2018	10:08	LB93444



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93444

SDG No.: LB93444

Contract: Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB93444

SDG No.: LB93444

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB106737BL	Ammonia as N	SOLID		Batch Number:		PB106737		Prep Date:	02/21/2018	
		0.95	<4.9	U		4.9		02/22/2018	10:02	LB93444
Sample ID	Analyte	Result (mg/L)	Acceptance Limit	Conc Qual	LOD mg/L	CRQL mg/L	M	Analysis Date	Analysis Time	Run
PB106738BL	Ammonia as N	WATER		Batch Number:		PB106738		Prep Date:	02/21/2018	
		0.022	<0.1	U		0.1		02/22/2018	10:02	LB93444



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93444

SDG No.: LB93444

Contract:

Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106737BS Ammonia as N	mg/Kg	48.1	40.9		85	80 - 120	



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93444

SDG No.: LB93444

Contract:

Lab Code: CHEM

Case No.: LB93444

SAS No.: LB93444

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106738BS Ammonia as N	mg/L	1	0.97		97	80 - 120	