

Daily Analysis Runlog For Sequence/QC Batch ID # LB93853

Review By		Review On				
SubDirectory		LB93853		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP62639				
ICV Standard		WP62641				
CCV Standard		WP62640				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62513				
Chk Standard		WP61582,WP62168,WP62169,WP62170				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	03/13/18 08:03		OK
2	0.2PPM	0.2PPM	CAL2	03/13/18 08:03		OK
3	0.4PPM	0.4PPM	CAL3	03/13/18 08:03		OK
4	1.0PPM	1.0PPM	CAL4	03/13/18 08:03		OK
5	1.3PPM	1.3PPM	CAL5	03/13/18 08:03		OK
6	2.0PPM	2.0PPM	CAL6	03/13/18 08:03		OK
7	ICV1	ICV1	ICV	03/13/18 08:41		OK
8	ICB1	ICB1	ICB	03/13/18 08:41		OK
9	CCV1	CCV1	CCV	03/13/18 08:41		OK
10	CCB1	CCB1	CCB	03/13/18 08:41		OK
11	PB107276BL	PB107276BL	MB	03/13/18 08:41		OK
12	PB107276BS	PB107276BS	LCS	03/13/18 08:41		OK
13	J1839-01	MW-1	SAM	03/13/18 08:41		OK
14	J1839-01DUP	MW-1DUP	DUP	03/13/18 08:41		OK
15	J1839-01MS	MW-1MS	MS	03/13/18 08:41		OK
16	J1839-01MSD	MW-1MSD	MSD	03/13/18 08:41		OK
17	J1839-02	MW-3	SAM	03/13/18 08:41		OK
18	J1839-03	MW-4	SAM	03/13/18 08:41		OK
19	J1839-04	MW-2	SAM	03/13/18 08:47		OK
20	CCV2	CCV2	CCV	03/13/18 08:47		OK
21	CCB2	CCB2	CCB	03/13/18 08:47		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93853	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	LB93853
Lab Sample ID:	J1839-01	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	0.14		1	0.034		0.1	mg/L	03/12/2018	03/13/2018	SM4500-NH3



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93853	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	MW-3	SDG No.:	LB93853
Lab Sample ID:	J1839-02	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	0.41		1	0.034		0.1	mg/L	03/12/2018	03/13/2018	SM4500-NH3



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93853	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	LB93853
Lab Sample ID:	J1839-03	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	0.37		1	0.034		0.1	mg/L	03/12/2018	03/13/2018	SM4500-NH3



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93853	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	LB93853
Lab Sample ID:	J1839-04	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	1.9		1	0.034		0.1	mg/L	03/12/2018	03/13/2018	SM4500-NH3



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/6/2018 12:00:00 AM
Project:	LB93853	Date Received:	3/7/2018 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	LB93853
Lab Sample ID:	J1839-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
-----	-----------	-------	------	----	-----	-----	------------	-------	-----------	-----------	----------

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: LB93853

SDG No.: LB93853

Contract: _____ Lab Code: CHEM

Case No.: LB93853

SAS No.: LB93853

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	0.94	1	94		90 - 110		03/13/2018	08:41	LB93853
CCV2	Ammonia as N	0.94	1	94		90 - 110		03/13/2018	08:47	LB93853



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93853

SDG No.: LB93853

Contract:

Lab Code: CHEM

Case No.: LB93853

SAS No.: LB93853

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.016	+/-0.1	U			0.1	03/13/2018	08:41	LB93853



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93853

SDG No.: LB93853

Contract:

Lab Code: CHEM

Case No.: LB93853

SAS No.: LB93853

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.019	+/-0.1	U			0.1	03/13/2018	08:41	LB93853
CCB2	Ammonia as N	0.023	+/-0.1	U			0.1	03/13/2018	08:47	LB93853



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93853

SDG No.: LB93853

Contract: Lab Code: CHEM

Case No.: LB93853

SAS No.: LB93853

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
-----------	---------	----------------	---------------------	--------------	-----	------	---	------------------	------------------	---------------



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB93853

SDG No.: LB93853

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
PB107276BL	Ammonia as N	WATER 0.02	<0.1	Batch Number: U		PB107276 0.1		Prep Date: 03/13/2018	03/12/2018 08:41	LB93853



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB93853 level: low sdg no.: LB93853
contract: lab code: CHEM case no.: LB93853 sas no.: LB93853
matrix: WATER sample id: J1839-01 client id: MW-1MS
Percent Solids for Sample: 0 Spiked ID: J1839-01MS Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/L	75 - 125	1.1		0.14		1	96		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93853 level: low sdg no.: LB93853
contract: lab code: CHEM case no.: LB93853 sas no.: LB93853
matrix: WATER sample id: J1839-01 client id: MW-1MSD
Percent Solids for Sample: 0 Spiked ID: J1839-01MSD Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/L	75 - 125		1	0.14		1	86		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93853 **Level:** LOW **SDG No.:** LB93853
Contract: **Lab Code:** CHEM **Case No.:** LB93853 **SAS No.:** LB93853
Matrix: WATER **Sample ID:** J1839-01 **Client ID:** MW-1DUP
Percent Solids for Sample: 0 **Duplicate ID** J1839-01DUP **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/L	20	0.14		0.14		0		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB93853 **Level:** LOW **SDG No.:** LB93853
Contract: **Lab Code:** CHEM **Case No.:** LB93853 **SAS No.:** LB93853
Matrix: WATER **Sample ID:** J1839-01MS **Client ID:** MW-1MSD
Percent Solids for Sample: 0 **Duplicate ID** J1839-01MSD **Percent Solids for Spike Sample:** 0

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/L	20	1.1			1	10		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93853

SDG No.: LB93853

Contract:

Lab Code: CHEM

Case No.: LB93853

SAS No.: LB93853

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB107276BS Ammonia as N	mg/L	1	0.96		96	80 - 120	