

Daily Analysis Runlog For Sequence/QC Batch ID # LB95181

Review By		Review On				
SubDirectory		LB95181		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP64296				
ICV Standard		WP64298				
CCV Standard		WP64297				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64283				
Chk Standard		WP61582,WP63749,WP63750,WP63751				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	05/08/18 08:20		OK
2	0.2PPM	0.2PPM	CAL2	05/08/18 08:20		OK
3	0.4PPM	0.4PPM	CAL3	05/08/18 08:21		OK
4	1.0PPM	1.0PPM	CAL4	05/08/18 08:21		OK
5	1.3PPM	1.3PPM	CAL5	05/08/18 08:21		OK
6	2.0PPM	2.0PPM	CAL6	05/08/18 08:21		OK
7	ICV1	ICV1	ICV	05/08/18 08:59		OK
8	ICB1	ICB1	ICB	05/08/18 08:59		OK
9	CCV1	CCV1	CCV	05/08/18 08:59		OK
10	CCB1	CCB1	CCB	05/08/18 08:59		OK
11	PB109010BL	PB109010BL	MB	05/08/18 08:59		OK
12	PB109010BS	PB109010BS	LCS	05/08/18 08:59		OK
13	J2766-01	001M-WILLETS-PT-B	SAM	05/08/18 08:59		OK
14	J2766-01DUP	001M-WILLETS-PT-B	DUP	05/08/18 08:59		OK
15	J2766-01MS	001M-WILLETS-PT-B	MS	05/08/18 08:59		OK
16	J2766-01MSD	001M-WILLETS-PT-B	MSD	05/08/18 08:59		OK
17	J2766-02	002M-35TH-AVE(MA	SAM	05/08/18 08:59		OK
18	CCV2	CCV2	CCV	05/08/18 08:59		OK
19	CCB2	CCB2	CCB	05/08/18 09:04		OK



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

Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95181	Date Received:	5/4/2018 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLVD(MAY)	SDG No.:	LB95181
Lab Sample ID:	J2766-01	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	1.4		1	0.034		0.1	mg/L	05/07/2018	05/08/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95181	Date Received:	5/4/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(MAY)	SDG No.:	LB95181
Lab Sample ID:	J2766-02	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	1.5		1	0.034		0.1	mg/L	05/07/2018	05/08/2018	SM4500-NH3



Report of Analysis

Client:		Date Collected:	5/3/2018 12:00:00 AM
Project:	LB95181	Date Received:	5/4/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(MAY)	SDG No.:	LB95181
Lab Sample ID:	J2766-02	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB95181

SDG No.: LB95181

Contract: _____ Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

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	0.97	1	97		90 - 110		05/08/2018	08:59	lb95181



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB95181

SDG No.: LB95181

Contract: _____ Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

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	0.92	1	92		90 - 110		05/08/2018	08:59	lb95181
CCV2	Ammonia as N	0.92	1	92		90 - 110		05/08/2018	08:59	lb95181



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95181

SDG No.: LB95181

Contract:

Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.014	+/-0.1	U		0.1		05/08/2018	08:59	lb95181



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95181

SDG No.: LB95181

Contract:

Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.014	+/-0.1	U			0.1	05/08/2018	08:59	1b95181
CCB2	Ammonia as N	0.017	+/-0.1	U			0.1	05/08/2018	09:04	1b95181



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95181

SDG No.: LB95181

Contract: Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

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: LB95181

SDG No.: LB95181

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
PB109010BL	Ammonia as N	WATER 0.016	<0.1	Batch Number: U		PB109010 0.1		Prep Date: 05/08/2018	05/07/2018 08:59	lb95181



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- 5a -
MATRIX SPIKE SUMMARY

client: LB95181 level: low sdg no.: LB95181
contract: lab code: CHEM case no.: LB95181 sas no.: LB95181
matrix: WATER sample id: J2766-01 client id: 001M-WILLETS-PT-BLVD(MAY)MS
Percent Solids for Sample: 0 Spiked ID: J2766-01MS 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	2.6	OR	1.4		1	120		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95181 level: low sdg no.: LB95181
contract: lab code: CHEM case no.: LB95181 sas no.: LB95181
matrix: WATER sample id: J2766-01 client id: 001M-WILLETS-PT-BLVD(MAY)MSD
Percent Solids for Sample: 0 Spiked ID: J2766-01MSD 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	2.6	OR	1.4		1	120		

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DUPLICATE SAMPLE SUMMARY

Client: LB95181 **Level:** LOW **SDG No.:** LB95181
Contract: **Lab Code:** CHEM **Case No.:** LB95181 **SAS No.:** LB95181
Matrix: WATER **Sample ID:** J2766-01 **Client ID:** 001M-WILLETS-PT-BLVD(MAY)DUP
Percent Solids for Sample: 0 **Duplicate ID** J2766-01DUP **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	1.4		1.4		0		

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DUPLICATE SAMPLE SUMMARY

Client: LB95181 **Level:** LOW **SDG No.:** LB95181
Contract: _____ **Lab Code:** CHEM **Case No.:** LB95181 **SAS No.:** LB95181
Matrix: WATER **Sample ID:** J2766-01MS **Client ID:** 001M-WILLETS-PT-BLVD(MAY)MSD
Percent Solids for Sample: 0 **Duplicate ID** J2766-01MSD **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	2.6	OR	2.6	OR	0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95181

SDG No.: LB95181

Contract:

Lab Code: CHEM

Case No.: LB95181

SAS No.: LB95181

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB109010BS Ammonia as N	mg/L	1	0.99		99	80 - 120	