

Daily Analysis Runlog For Sequence/QC Batch ID # LB95898

Review By		Review On				
SubDirectory		LB95898		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP65141				
ICV Standard		WP65143				
CCV Standard		WP65142				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64988				
Chk Standard		WP61582,WP64528,WP64526,WP64527				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	06/08/18 08:03		OK
2	0.2PPM	0.2PPM	CAL2	06/08/18 08:03		OK
3	0.4PPM	0.4PPM	CAL3	06/08/18 08:04		OK
4	1.0PPM	1.0PPM	CAL4	06/08/18 08:04		OK
5	1.3PPM	1.3PPM	CAL5	06/08/18 08:04		OK
6	2.0PPM	2.0PPM	CAL6	06/08/18 08:04		OK
7	ICV1	ICV1	ICV	06/08/18 08:42		OK
8	ICB1	ICB1	ICB	06/08/18 08:42		OK
9	CCV1	CCV1	CCV	06/08/18 08:42		OK
10	CCB1	CCB1	CCB	06/08/18 08:42		OK
11	PB110047BL	PB110047BL	MB	06/08/18 08:42		OK
12	PB110047BS	PB110047BS	LCS	06/08/18 08:42		OK
13	J3348-01	001M-WILLETS-PT-B	SAM	06/08/18 08:42	High	Dilution
14	J3348-01DUP	001M-WILLETS-PT-B	DUP	06/08/18 08:42	High	Dilution
15	J3348-01MS	001M-WILLETS-PT-B	MS	06/08/18 08:42	High	Dilution
16	J3348-01MSD	001M-WILLETS-PT-B	MSD	06/08/18 08:42	High	Dilution
17	J3348-02	002M-35TH-AVE(JUN	SAM	06/08/18 08:42	High	Dilution
18	CCV2	CCV2	CCV	06/08/18 08:42		OK
19	CCB2	CCB2	CCB	06/08/18 08:47		OK
20	J3348-01DL	001M-WILLETS-PT-B	SAM	06/08/18 09:15	Report 5x	Confirms
21	J3348-01DUPDL	001M-WILLETS-PT-B	DUP	06/08/18 09:15	Report 5x	Confirms

Daily Analysis Runlog For Sequence/QC Batch ID # LB95898

Review By			Review On			
SubDirectory		LB95898		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP65141				
ICV Standard		WP65143				
CCV Standard		WP65142				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP64988				
Chk Standard		WP61582,WP64528,WP64526,WP64527				
22	J3348-01MSDL	001M-WILLETS-PT-B	MS	06/08/18 09:15	Report 5x	Confirms
23	J3348-01MSDDL	001M-WILLETS-PT-B	MSD	06/08/18 09:15	Report 5x	Confirms
24	J3348-02DL	002M-35TH-AVE(JUN	SAM	06/08/18 09:15	Report 5x	Confirms
25	CCV3	CCV3	CCV	06/08/18 09:15		OK
26	CCB3	CCB3	CCB	06/08/18 09:15		OK



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

Report of Analysis

Client:		Date Collected:	6/5/2018 12:00:00 AM
Project:	LB95898	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLVD(JUNE)	SDG No.:	LB95898
Lab Sample ID:	J3348-01	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	3.7	OR	1	0.034		0.1	mg/L	06/07/2018	06/08/2018	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/5/2018 12:00:00 AM
Project:	LB95898	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLVD(JUNE)DL	SDG No.:	LB95898
Lab Sample ID:	J3348-01DL	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	3.6	D	5	0.17		0.5	mg/L	06/07/2018	06/08/2018	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/5/2018 12:00:00 AM
Project:	LB95898	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(JUNE)	SDG No.:	LB95898
Lab Sample ID:	J3348-02	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	3	OR	1	0.034		0.1	mg/L	06/07/2018	06/08/2018	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/5/2018 12:00:00 AM
Project:	LB95898	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(JUNE)DL	SDG No.:	LB95898
Lab Sample ID:	J3348-02DL	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	3.1	D	5	0.17		0.5	mg/L	06/07/2018	06/08/2018	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/5/2018 12:00:00 AM
Project:	LB95898	Date Received:	6/6/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(JUNE)DL	SDG No.:	LB95898
Lab Sample ID:	J3348-02DL	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

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis	Analysis	Run
		mg/L		Recovery	Window (%R)		Date	Time	Number
ICV1	Ammonia as N	0.96	1	96	90 - 110		06/08/2018	08:42	LB95898



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB95898	SDG No.:	LB95898				
Contract:		Lab Code:	CHEM	Case No.:	LB95898	SAS No.:	LB95898

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		06/08/2018	08:42	LB95898



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95898

SDG No.: LB95898

Contract:

Lab Code: CHEM

Case No.: LB95898

SAS No.: LB95898

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.013	+/-0.1	U			0.1	06/08/2018	08:42	LB95898
CCB2	Ammonia as N	0.022	+/-0.1	U			0.1	06/08/2018	08:47	LB95898
CCB3	Ammonia as N	0.015	+/-0.1	U			0.1	06/08/2018	09:15	LB95898



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB95898

SDG No.: LB95898

Contract: Lab Code: CHEM

Case No.: LB95898

SAS No.: LB95898

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: LB95898

SDG No.: LB95898

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
PB110047BL	Ammonia as N	WATER 0.013	<0.1	Batch Number: U		PB110047 0.1		Prep Date: 06/08/2018	06/07/2018 08:42	LB95898



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95898 level: low sdg no.: LB95898
contract: lab code: CHEM case no.: LB95898 sas no.: LB95898
matrix: WATER sample id: J3348-01 client id: 001M-WILLETS-PT-BLVD(JUNE)MS
Percent Solids for Sample: 0 Spiked ID: J3348-01MS 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	4.3	OR	3.7	OR	1	60	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95898 level: low sdg no.: LB95898
contract: lab code: CHEM case no.: LB95898 sas no.: LB95898
matrix: WATER sample id: J3348-01 client id: 001M-WILLETS-PT-BLVD(JUNE)MSD
Percent Solids for Sample: 0 Spiked ID: J3348-01MSD 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	4.3	OR	3.7	OR	1	60	*	



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB95898 level: low sdg no.: LB95898
contract: lab code: CHEM case no.: LB95898 sas no.: LB95898
matrix: WATER sample id: J3348-01DL client id: 001M-WILLETS-PT-BLVD(JUNE)MSDDL
Percent Solids for Sample: 0 Spiked ID: J3348-01MSDDL 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	4.1	D	3.6	D	1	50	*	



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB95898 level: low sdg no.: LB95898
contract: lab code: CHEM case no.: LB95898 sas no.: LB95898
matrix: WATER sample id: J3348-01DL client id: 001M-WILLETS-PT-BLVD(JUNE)MSDL
Percent Solids for Sample: 0 Spiked ID: J3348-01MSDL 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	4.2	D	3.6	D	1	60	*	

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95898 **Level:** LOW **SDG No.:** LB95898
Contract: _____ **Lab Code:** CHEM **Case No.:** LB95898 **SAS No.:** LB95898
Matrix: WATER **Sample ID:** J3348-01 **Client ID:** 001M-WILLETS-PT-BLVD(JUNE)DUP
Percent Solids for Sample: 0 **Duplicate ID** J3348-01DUP **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	3.7	OR	3.7	OR	0		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95898 **Level:** LOW **SDG No.:** LB95898
Contract: **Lab Code:** CHEM **Case No.:** LB95898 **SAS No.:** LB95898
Matrix: WATER **Sample ID:** J3348-01DL **Client ID:** 001M-WILLETS-PT-BLVD(JUNE)DUPDL
Percent Solids for Sample: 0 **Duplicate ID** J3348-01DUPDL **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	3.6	D	3.6	D	0		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95898 **Level:** LOW **SDG No.:** LB95898
Contract: _____ **Lab Code:** CHEM **Case No.:** LB95898 **SAS No.:** LB95898
Matrix: WATER **Sample ID:** J3348-01MS **Client ID:** 001M-WILLETS-PT-BLVD(JUNE)MSD
Percent Solids for Sample: 0 **Duplicate ID** J3348-01MSD **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	4.3	OR	4.3	OR	0		



GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB95898 **Level:** LOW **SDG No.:** LB95898
Contract: **Lab Code:** CHEM **Case No.:** LB95898 **SAS No.:** LB95898
Matrix: WATER **Sample ID:** J3348-01MSDL **Client ID:** 001M-WILLETS-PT-BLVD(JUNE)MSDDL
Percent Solids for Sample: 0 **Duplicate ID** J3348-01MSDDL **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	4.2	D	4.1	D	2		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB95898

SDG No.: LB95898

Contract:

Lab Code: CHEM

Case No.: LB95898

SAS No.: LB95898

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB110047BS Ammonia as N	mg/L	1	0.94		94	80 - 120	