

Daily Analysis Runlog For Sequence/QC Batch ID # LB87945

Review By

Review On

SubDirectory

LB87945

Test :

Ammonia

STD. NAME	STD REF.#
ICAL Standard	WP55483
ICV Standard	WP55484
CCV Standard	WP55485
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP55368
Chk Standard	WP54309,WP55006,WP66095,WP55096

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	06/08/17 10:05		OK
2	0.2PPM	0.2PPM	CAL2	06/08/17 10:05		OK
3	0.4PPM	0.4PPM	CAL3	06/08/17 10:05		OK
4	1.0PPM	1.0PPM	CAL4	06/08/17 10:05		OK
5	1.3PPM	1.3PPM	CAL5	06/08/17 10:05		OK
6	2.0PPM	2.0PPM	CAL6	06/08/17 10:05		OK
7	ICV1	ICV1	ICV	06/08/17 10:43		OK
8	ICB1	ICB1	ICB	06/08/17 10:43		OK
9	CCV1	CCV1	CCV	06/08/17 10:43		OK
10	CCB1	CCB1	CCB	06/08/17 10:43		OK
11	PB99562BL	PB99562BL	MB	06/08/17 10:43		OK
12	PB99562BS	PB99562BS	LCS	06/08/17 10:43		OK
13	I3475-04	MW-8S-060217	SAM	06/08/17 10:43		OK
14	I3475-04DUP	MW-8S-060217DUP	DUP	06/08/17 10:43		OK
15	I3475-04MS	MW-8S-060217MS	MS	06/08/17 10:43		OK
16	I3475-04MSD	MW-8S-060217MSD	MSD	06/08/17 10:43		OK
17	I3475-05	MW-7-060217	SAM	06/08/17 10:43		OK
18	I3475-09	SUMP-060217	SAM	06/08/17 10:43		OK
19	I3475-10	MW-2-060217	SAM	06/08/17 10:49		OK
20	I3475-12	MW-1-060217	SAM	06/08/17 10:49		OK
21	CCV2	CCV2	CCV	06/08/17 10:50		OK



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB87945

Review By		Review On				
SubDirectory		LB87945		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP55483				
ICV Standard		WP55484				
CCV Standard		WP55485				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP55368				
Chk Standard		WP54309,WP55006,WP66095,WP55096				
22	CCB2	CCB2	CCB	06/08/17 10:50		OK



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	MW-8S-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-04	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	0.34		1	0.034		0.1	mg/L	06/07/2017	06/08/2017	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	MW-7-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-05	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	0.17		1	0.034		0.1	mg/L	06/07/2017	06/08/2017	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	SUMP-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-09	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	0.61		1	0.034		0.1	mg/L	06/07/2017	06/08/2017	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	MW-2-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-10	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	06/07/2017	06/08/2017	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	MW-1-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-12	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	0.24		1	0.034		0.1	mg/L	06/07/2017	06/08/2017	SM4500-NH3



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

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87945	Date Received:	6/3/2017 12:00:00 AM
Client Sample ID:	MW-1-060217	SDG No.:	LB87945
Lab Sample ID:	I3475-12	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: LB87945

SDG No.: LB87945

Contract: _____

Lab Code: CHEM

Case No.: LB87945

SAS No.: LB87945

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Ammonia as N	1	1	100	0	90 - 110		06/08/2017	10:43	LB87945
CCV2	Ammonia as N	1	1	100	0	90 - 110		06/08/2017	10:50	LB87945



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87945

SDG No.: LB87945

Contract:

Lab Code: CHEM

Case No.: LB87945

SAS No.: LB87945

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.012	+/-0.1	U			0.1	06/08/2017	10:43	LB87945



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87945

SDG No.: LB87945

Contract: _____

Lab Code: CHEM

Case No.: LB87945

SAS No.: LB87945

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	06/08/2017	10:43	LB87945
CCB2	Ammonia as N	0.017	+/-0.1	U			0.1	06/08/2017	10:50	LB87945



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87945

SDG No.: LB87945

Contract: Lab Code: CHEM

Case No.: LB87945

SAS No.: LB87945

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: LB87945

SDG No.: LB87945

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
PB99562BL	Ammonia as N	WATER 0.014	<0.1	Batch Number: U		PB99562 0.1		Prep Date: 06/08/2017	06/07/2017 10:43	LB87945



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87945 level: low sdg no.: LB87945
contract: lab code: CHEM case no.: LB87945 sas no.: LB87945
matrix: WATER sample id: I3475-04 client id: MW-8S-060217MS
Percent Solids for Sample: 0 Spiked ID: I3475-04MS 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		0.34		1	76		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87945 level: low sdg no.: LB87945
contract: lab code: CHEM case no.: LB87945 sas no.: LB87945
matrix: WATER sample id: I3475-04 client id: MW-8S-060217MSD
Percent Solids for Sample: 0 Spiked ID: I3475-04MSD 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	1.2		0.34		1	86		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB87945 **Level:** LOW **SDG No.:** LB87945
Contract: _____ **Lab Code:** CHEM **Case No.:** LB87945 **SAS No.:** LB87945
Matrix: WATER **Sample ID:** I3475-04 **Client ID:** MW-8S-060217DUP
Percent Solids for Sample: 0 **Duplicate ID** I3475-04DUP **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	0.34		0.35		3		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB87945 **Level:** LOW **SDG No.:** LB87945
Contract: **Lab Code:** CHEM **Case No.:** LB87945 **SAS No.:** LB87945
Matrix: WATER **Sample ID:** I3475-04MS **Client ID:** MW-8S-060217MSD
Percent Solids for Sample: 0 **Duplicate ID** I3475-04MSD **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		1.2		9		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87945

SDG No.: LB87945

Contract:

Lab Code: CHEM

Case No.: LB87945

SAS No.: LB87945

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB99562BS Ammonia as N	mg/L	1	0.97		97	80 - 120	