

Daily Analysis Runlog For Sequence/QC Batch ID # LB93355

Review By		Review On				
SubDirectory		LB93355		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP62042				
ICV Standard		WP62044				
CCV Standard		WP62043				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP61977				
Chk Standard		WP61176,WP61174,WP61175,WP61582				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	02/19/18 08:45		OK
2	0.2PPM	0.2PPM	CAL2	02/19/18 08:45		OK
3	0.4PPM	0.4PPM	CAL3	02/19/18 08:45		OK
4	1.0PPM	1.0PPM	CAL4	02/19/18 08:45		OK
5	1.3PPM	1.3PPM	CAL5	02/19/18 08:45		OK
6	2.0PPM	2.0PPM	CAL6	02/19/18 08:45		OK
7	ICV1	ICV1	ICV	02/19/18 09:11		OK
8	ICB1	ICB1	ICB	02/19/18 09:11		OK
9	CCV1	CCV1	CCV	02/19/18 09:11		OK
10	CCB1	CCB1	CCB	02/19/18 09:11		OK
11	PB106591BL	PB106591BL	MB	02/19/18 09:34		OK
12	PB106591BS	PB106591BS	LCS	02/19/18 09:35		OK
13	J1555-01	001M-WILLETS-PT-B	SAM	02/19/18 09:35		OK
14	J1555-01DUP	001M-WILLETS-PT-B	DUP	02/19/18 09:35		OK
15	J1555-01MS	001M-WILLETS-PT-B	MS	02/19/18 09:35		OK
16	J1555-01MSD	001M-WILLETS-PT-B	MSD	02/19/18 09:35		OK
17	J1555-02	002M-35TH-AVE	SAM	02/19/18 09:35		OK
18	J1563-06	20180141	SAM	02/19/18 09:35		OK
19	CCV2	CCV2	CCV	02/19/18 09:35		OK
20	CCB2	CCB2	CCB	02/19/18 09:35		OK



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Report of Analysis

Client:		Date Collected:	2/13/2018 12:00:00 AM
Project:	LB93355	Date Received:	2/14/2018 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLVD	SDG No.:	LB93355
Lab Sample ID:	J1555-01	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	1.5		1	0.034		0.1	mg/L	02/15/2018	02/19/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	2/13/2018 12:00:00 AM
Project:	LB93355	Date Received:	2/14/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE	SDG No.:	LB93355
Lab Sample ID:	J1555-02	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	1.7		1	0.034		0.1	mg/L	02/15/2018	02/19/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	2/14/2018 12:00:00 AM
Project:	LB93355	Date Received:	2/14/2018 12:00:00 AM
Client Sample ID:	20180141	SDG No.:	LB93355
Lab Sample ID:	J1563-06	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	0.081	J	1	0.034		0.1	mg/L	02/15/2018	02/19/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	2/14/2018 12:00:00 AM
Project:	LB93355	Date Received:	2/14/2018 12:00:00 AM
Client Sample ID:	20180141	SDG No.:	LB93355
Lab Sample ID:	J1563-06	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: LB93355

SDG No.: LB93355

Contract: _____ Lab Code: CHEM

Case No.: LB93355

SAS No.: LB93355

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	1	1	100		90 - 110		02/19/2018	09:11	LB93355



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- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB93355

SDG No.: LB93355

Contract: _____

Lab Code: CHEM

Case No.: LB93355

SAS No.: LB93355

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	0.93	1	93		90 - 110		02/19/2018	09:11	LB93355
CCV2	Ammonia as N	0.96	1	96		90 - 110		02/19/2018	09:35	LB93355



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93355 **SDG No.:** LB93355
Contract: **Lab Code:** CHEM **Case No.:** LB93355 **SAS No.:** LB93355

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.039	+/-0.1	J			0.1	02/19/2018	09:11	LB93355



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93355

SDG No.: LB93355

Contract:

Lab Code: CHEM

Case No.: LB93355

SAS No.: LB93355

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.041	+/-0.1	J			0.1	02/19/2018	09:11	LB93355
CCB2	Ammonia as N	0.052	+/-0.1	J			0.1	02/19/2018	09:35	LB93355



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB93355

SDG No.: LB93355

Contract: Lab Code: CHEM

Case No.: LB93355

SAS No.: LB93355

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: LB93355

SDG No.: LB93355

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
PB106591BL	Ammonia as N	WATER 0.04	<0.1	Batch Number: J		PB106591 0.1		Prep Date: 02/19/2018	02/15/2018 09:34	LB93355



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- 5a -
MATRIX SPIKE SUMMARY

client: LB93355 level: low sdg no.: LB93355
contract: lab code: CHEM case no.: LB93355 sas no.: LB93355
matrix: WATER sample id: J1555-01 client id: 001M-WILLETS-PT-BLVDMS
Percent Solids for Sample: 0 Spiked ID: J1555-01MS 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	2.3	OR	1.5		1	80		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB93355 level: low sdg no.: LB93355
contract: lab code: CHEM case no.: LB93355 sas no.: LB93355
matrix: WATER sample id: J1555-01 client id: 001M-WILLETS-PT-BLVDMSD
Percent Solids for Sample: 0 Spiked ID: J1555-01MSD 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	2.3	OR	1.5		1	80		



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DUPLICATE SAMPLE SUMMARY

Client: LB93355 Level: LOW SDG No.: LB93355
Contract: _____ Lab Code: CHEM Case No.: LB93355 SAS No.: LB93355
Matrix: WATER Sample ID: J1555-01 Client ID: 001M-WILLETS-PT-BLVDDUP
Percent Solids for Sample: 0 Duplicate ID J1555-01DUP 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	1.5		1.4		7		

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

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DUPLICATE SAMPLE SUMMARY

Client: LB93355 **Level:** LOW **SDG No.:** LB93355
Contract: _____ **Lab Code:** CHEM **Case No.:** LB93355 **SAS No.:** LB93355
Matrix: WATER **Sample ID:** J1555-01MS **Client ID:** 001M-WILLETS-PT-BLVDMSD
Percent Solids for Sample: 0 **Duplicate ID** J1555-01MSD **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	2.3	OR	2.3	OR	0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB93355

SDG No.: LB93355

Contract:

Lab Code: CHEM

Case No.: LB93355

SAS No.: LB93355

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB106591BS Ammonia as N	mg/L	1	1.1		110	80 - 120	