

Daily Analysis Runlog For Sequence/QC Batch ID # LB92102

Review By		Review On				
SubDirectory		LB92102		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP60275				
ICV Standard		WP60277				
CCV Standard		WP60276				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP60123				
Chk Standard		WP57031,WP60149,WP59925,WP59926				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	12/12/17 08:41		OK
2	0.2PPM	0.2PPM	CAL2	12/12/17 08:41		OK
3	0.4PPM	0.4PPM	CAL3	12/12/17 08:41		OK
4	1.0PPM	1.0PPM	CAL4	12/12/17 08:41		OK
5	1.3PPM	1.3PPM	CAL5	12/12/17 08:41		OK
6	2.0PPM	2.0PPM	CAL6	12/12/17 08:41		OK
7	ICV1	ICV1	ICV	12/12/17 09:10		OK
8	ICB1	ICB1	ICB	12/12/17 09:10		OK
9	CCV1	CCV1	CCV	12/12/17 09:10		OK
10	CCB1	CCB1	CCB	12/12/17 09:10		OK
11	PB104916BL	PB104916BL	MB	12/12/17 09:10		OK
12	PB104916BS	PB104916BS	LCS	12/12/17 09:10		OK
13	I6818-01	001M-WILLETS-PT-B	SAM	12/12/17 09:10		OK
14	I6818-01DUP	001M-WILLETS-PT-B	DUP	12/12/17 09:10		OK
15	I6818-01MS	001M-WILLETS-PT-B	MS	12/12/17 09:17		OK
16	I6818-01MSD	001M-WILLETS-PT-B	MSD	12/12/17 09:17		OK
17	I6818-02	002M-35TH-AVE	SAM	12/12/17 09:17		OK
18	CCV2	CCV2	CCV	12/12/17 09:17		OK
19	CCB2	CCB2	CCB	12/12/17 09:17		OK



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Report of Analysis

Client:		Date Collected:	12/8/2017 12:00:00 AM
Project:	LB92102	Date Received:	12/8/2017 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLUD	SDG No.:	LB92102
Lab Sample ID:	I6818-01	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	12/11/2017	12/12/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	12/8/2017 12:00:00 AM
Project:	LB92102	Date Received:	12/8/2017 12:00:00 AM
Client Sample ID:	002M-35TH-AVE	SDG No.:	LB92102
Lab Sample ID:	I6818-02	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	1.6		1	0.034		0.1	mg/L	12/11/2017	12/12/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	12/8/2017 12:00:00 AM
Project:	LB92102	Date Received:	12/8/2017 12:00:00 AM
Client Sample ID:	002M-35TH-AVE	SDG No.:	LB92102
Lab Sample ID:	I6818-02	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: LB92102

SDG No.: LB92102

Contract: _____ Lab Code: CHEM

Case No.: LB92102

SAS No.: LB92102

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	0.9	1	90	0	90 - 110		12/12/2017	09:10	LB92102
CCV2	Ammonia as N	0.99	1	99	0	90 - 110		12/12/2017	09:17	LB92102



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LB92102	SDG No.:	LB92102				
Contract:		Lab Code:	CHEM	Case No.:	LB92102	SAS No.:	LB92102

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.033	+/-0.1	U		0.1		12/12/2017	09:10	LB92102



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92102

SDG No.: LB92102

Contract: _____

Lab Code: CHEM

Case No.: LB92102

SAS No.: LB92102

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.022	+/-0.1	U			0.1	12/12/2017	09:10	LB92102
CCB2	Ammonia as N	0.031	+/-0.1	U			0.1	12/12/2017	09:17	LB92102



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92102

SDG No.: LB92102

Contract: Lab Code: CHEM

Case No.: LB92102

SAS No.: LB92102

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: LB92102

SDG No.: LB92102

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
PB104916BL	Ammonia as N	WATER 0.025	<0.1	Batch Number: U		PB104916 0.1		Prep Date: 12/12/2017	12/11/2017 09:10	LB92102



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- 5a -
MATRIX SPIKE SUMMARY

client: LB92102 level: low sdg no.: LB92102
contract: lab code: CHEM case no.: LB92102 sas no.: LB92102
matrix: WATER sample id: I6818-01 client id: 001M-WILLETS-PT-BLUDMS
Percent Solids for Sample: 0 Spiked ID: I6818-01MS 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	2.7	OR	1.5		1	120		



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92102 level: low sdg no.: LB92102
contract: lab code: CHEM case no.: LB92102 sas no.: LB92102
matrix: WATER sample id: I6818-01 client id: 001M-WILLETS-PT-BLUDMSD
Percent Solids for Sample: 0 Spiked ID: I6818-01MSD 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	1.5		1	110		

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DUPLICATE SAMPLE SUMMARY

Client: LB92102 **Level:** LOW **SDG No.:** LB92102
Contract: _____ **Lab Code:** CHEM **Case No.:** LB92102 **SAS No.:** LB92102
Matrix: WATER **Sample ID:** I6818-01 **Client ID:** 001M-WILLETS-PT-BLUDDUP
Percent Solids for Sample: 0 **Duplicate ID** I6818-01DUP **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		1.5		0		

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DUPLICATE SAMPLE SUMMARY

Client: LB92102 **Level:** LOW **SDG No.:** LB92102
Contract: **Lab Code:** CHEM **Case No.:** LB92102 **SAS No.:** LB92102
Matrix: WATER **Sample ID:** I6818-01MS **Client ID:** 001M-WILLETS-PT-BLUDMSD
Percent Solids for Sample: 0 **Duplicate ID** I6818-01MSD **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	2.7	OR	2.6	OR	4		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92102

SDG No.: LB92102

Contract:

Lab Code: CHEM

Case No.: LB92102

SAS No.: LB92102

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB104916BS Ammonia as N	mg/L	1	0.95		95	80 - 120	