

Daily Analysis Runlog For Sequence/QC Batch ID # LB92487

Review By		Review On				
SubDirectory		LB92487		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP60734				
ICV Standard		WP60736				
CCV Standard		WP60735				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP60694				
Chk Standard		WP57031,WP60149,WP60619,WP60620				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	01/05/18 10:16		OK
2	0.2PPM	0.2PPM	CAL2	01/05/18 10:16		OK
3	0.4PPM	0.4PPM	CAL3	01/05/18 10:16		OK
4	1.0PPM	1.0PPM	CAL4	01/05/18 10:16		OK
5	1.3PPM	1.3PPM	CAL5	01/05/18 10:16		OK
6	2.0PPM	2.0PPM	CAL6	01/05/18 10:16		OK
7	ICV1	ICV1	ICV	01/05/18 11:16		OK
8	ICB1	ICB1	ICB	01/05/18 11:16		OK
9	CCV1	CCV1	CCV	01/05/18 11:17		OK
10	CCB1	CCB1	CCB	01/05/18 11:17		OK
11	PB105491BL	PB105491BL	MB	01/05/18 11:17		OK
12	PB105491BS	PB105491BS	LCS	01/05/18 11:17		OK
13	J1036-01	001M-WILLETS-PT-B	SAM	01/05/18 11:17		OK
14	J1036-01DUP	001M-WILLETS-PT-B	DUP	01/05/18 11:17		OK
15	J1036-01MS	001M-WILLETS-PT-B	MS	01/05/18 11:17		OK
16	J1036-01MSD	001M-WILLETS-PT-B	MSD	01/05/18 11:17		OK
17	J1036-02	002M-35TH-AVE(JAN	SAM	01/05/18 11:17		OK
18	CCV2	CCV2	CCV	01/05/18 11:17		OK
19	CCB2	CCB2	CCB	01/05/18 11:21		OK



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Report of Analysis

Client:		Date Collected:	1/3/2018 12:00:00 AM
Project:	LB92487	Date Received:	1/4/2018 12:00:00 AM
Client Sample ID:	001M-WILLETS-PT-BLVD(JAN)	SDG No.:	LB92487
Lab Sample ID:	J1036-01	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	1.2		1	0.034		0.1	mg/L	01/05/2018	01/05/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/3/2018 12:00:00 AM
Project:	LB92487	Date Received:	1/4/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(JAN)	SDG No.:	LB92487
Lab Sample ID:	J1036-02	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	1.3		1	0.034		0.1	mg/L	01/05/2018	01/05/2018	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	1/3/2018 12:00:00 AM
Project:	LB92487	Date Received:	1/4/2018 12:00:00 AM
Client Sample ID:	002M-35TH-AVE(JAN)	SDG No.:	LB92487
Lab Sample ID:	J1036-02	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: LB92487

SDG No.: LB92487

Contract: _____ Lab Code: CHEM

Case No.: LB92487

SAS No.: LB92487

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	0.94	1	94	0	90 - 110		01/05/2018	11:17	lb92487
CCV2	Ammonia as N	0.97	1	97	0	90 - 110		01/05/2018	11:17	lb92487



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92487

SDG No.: LB92487

Contract:

Lab Code: CHEM

Case No.: LB92487

SAS No.: LB92487

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.0081	+/-0.1	U			0.1	01/05/2018	11:16	lb92487



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92487

SDG No.: LB92487

Contract: _____

Lab Code: CHEM

Case No.: LB92487

SAS No.: LB92487

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.0071	+/-0.1	U			0.1	01/05/2018	11:17	1b92487
CCB2	Ammonia as N	0.015	+/-0.1	U			0.1	01/05/2018	11:21	1b92487



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92487

SDG No.: LB92487

Contract: Lab Code: CHEM

Case No.: LB92487

SAS No.: LB92487

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: LB92487

SDG No.: LB92487

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
PB105491BL	Ammonia as N	WATER 0.012	<0.1	Batch Number: U		PB105491 0.1		Prep Date: 01/05/2018	01/05/2018 11:17	lb92487



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- 5a -
MATRIX SPIKE SUMMARY

client: LB92487 level: low sdg no.: LB92487
contract: lab code: CHEM case no.: LB92487 sas no.: LB92487
matrix: WATER sample id: J1036-01 client id: 001M-WILLETS-PT-BLVD(JAN)MS
Percent Solids for Sample: 0 Spiked ID: J1036-01MS 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	2.2	OR	1.2		1	100		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB92487 level: low sdg no.: LB92487
contract: lab code: CHEM case no.: LB92487 sas no.: LB92487
matrix: WATER sample id: J1036-01 client id: 001M-WILLETS-PT-BLVD(JAN)MSD
Percent Solids for Sample: 0 Spiked ID: J1036-01MSD 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	2.2	OR	1.2		1	100		

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DUPLICATE SAMPLE SUMMARY

Client: LB92487 **Level:** LOW **SDG No.:** LB92487
Contract: **Lab Code:** CHEM **Case No.:** LB92487 **SAS No.:** LB92487
Matrix: WATER **Sample ID:** J1036-01 **Client ID:** 001M-WILLETS-PT-BLVD(JAN)DUP
Percent Solids for Sample: 0 **Duplicate ID** J1036-01DUP **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	1.2		1.3		8		

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DUPLICATE SAMPLE SUMMARY

Client: LB92487 **Level:** LOW **SDG No.:** LB92487
Contract: _____ **Lab Code:** CHEM **Case No.:** LB92487 **SAS No.:** LB92487
Matrix: WATER **Sample ID:** J1036-01MS **Client ID:** 001M-WILLETS-PT-BLVD(JAN)MSD
Percent Solids for Sample: 0 **Duplicate ID** J1036-01MSD **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	2.2	OR	2.2	OR	0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB92487

SDG No.: LB92487

Contract:

Lab Code: CHEM

Case No.: LB92487

SAS No.: LB92487

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB105491BS Ammonia as N	mg/L	1	0.91		91	80 - 120	