

Daily Analysis Runlog For Sequence/QC Batch ID # LB89227

Review By		Review On				
SubDirectory		LB89227		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP56903				
ICV Standard		WP56905				
CCV Standard		WP56904				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP56874				
Chk Standard		WP54309,WP56632,WP56633,WP56634				
Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	08/03/17 08:57		OK
2	0.2PPM	0.2PPM	CAL2	08/03/17 08:57		OK
3	0.4PPM	0.4PPM	CAL3	08/03/17 08:57		OK
4	1.0PPM	1.0PPM	CAL4	08/03/17 08:57		OK
5	1.3PPM	1.3PPM	CAL5	08/03/17 08:57		OK
6	2.0PPM	2.0PPM	CAL6	08/03/17 08:57		OK
7	ICV1	ICV1	ICV	08/03/17 09:35		OK
8	ICB1	ICB1	ICB	08/03/17 09:35		OK
9	CCV1	CCV1	CCV	08/03/17 09:35		OK
10	CCB1	CCB1	CCB	08/03/17 09:35		OK
11	PB101193BL	PB101193BL	MB	08/03/17 09:35		OK
12	PB101193BS	PB101193BS	LCS	08/03/17 09:35		OK
13	I4566-01	REFUSE-PIT	SAM	08/03/17 09:35		Dilution
14	I4566-01DUP	REFUSE-PITDUP	DUP	08/03/17 09:35		Dilution
15	I4566-01MS	REFUSE-PITMS	MS	08/03/17 09:35		Dilution
16	I4566-01MSD	REFUSE-PITMSD	MSD	08/03/17 09:35		Dilution
17	CCV2	CCV2	CCV	08/03/17 09:35		OK
18	CCB2	CCB2	CCB	08/03/17 09:35		OK
19	I4566-01DL	REFUSE-PITDL	SAM	08/03/17 10:13		Confirms
20	I4566-01DUPDL	REFUSE-PITDUPDL	DUP	08/03/17 10:13		Confirms
21	I4566-01MSDL	REFUSE-PITMSDL	MS	08/03/17 10:13		Confirms



Instrument ID : KONELAB

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

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SubDirectory		Test : Ammonia				
LB89227						
STD. NAME		STD REF.#				
ICAL Standard		WP56903				
ICV Standard		WP56905				
CCV Standard		WP56904				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP56874				
Chk Standard		WP54309,WP56632,WP56633,WP56634				
22	I4566-01MSDDL	REFUSE-PITMSDDL	MSD	08/03/17 10:13		Confirms
23	CCV3	CCV3	CCV	08/03/17 10:13		OK
24	CCB3	CCB3	CCB	08/03/17 10:13		OK



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

Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89227	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	REFUSE-PIT	SDG No.:	LB89227
Lab Sample ID:	I4566-01	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	9.2	OR	1	0.034		0.1	mg/L	08/02/2017	08/03/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89227	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	REFUSE-PITDL	SDG No.:	LB89227
Lab Sample ID:	I4566-01DL	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	9.1	D	10	0.34		1	mg/L	08/02/2017	08/03/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	8/1/2017 12:00:00 AM
Project:	LB89227	Date Received:	8/1/2017 12:00:00 AM
Client Sample ID:	REFUSE-PITDL	SDG No.:	LB89227
Lab Sample ID:	I4566-01DL	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB89227

SDG No.: LB89227

Contract: _____

Lab Code: CHEM

Case No.: LB89227

SAS No.: LB89227

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
ICV1	Ammonia as N	0.95	1	95	0	90 - 110		08/03/2017	09:35	LB89227



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89227

SDG No.: LB89227

Contract: _____ Lab Code: CHEM

Case No.: LB89227

SAS No.: LB89227

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	0.92	1	92	0	90 - 110		08/03/2017	09:35	LB89227
CCV2	Ammonia as N	0.98	1	98	0	90 - 110		08/03/2017	09:35	LB89227
CCV3	Ammonia as N	0.95	1	95	0	90 - 110		08/03/2017	10:13	LB89227



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89227

SDG No.: LB89227

Contract:

Lab Code: CHEM

Case No.: LB89227

SAS No.: LB89227

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	-0.0063	+/-0.1	U			0.1	08/03/2017	09:35	LB89227

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	-0.017	+/-0.1	U			0.1	08/03/2017	09:35	LB89227
CCB2	Ammonia as N	-0.012	+/-0.1	U			0.1	08/03/2017	09:35	LB89227
CCB3	Ammonia as N	-0.015	+/-0.1	U			0.1	08/03/2017	10:13	LB89227



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89227

SDG No.: LB89227

Contract: Lab Code: CHEM

Case No.: LB89227

SAS No.: LB89227

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB89227

SDG No.: LB89227

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
PB101193BL	Ammonia as N	WATER -0.013	<0.1	Batch Number: U		PB101193 0.1		Prep Date: 08/03/2017	08/02/2017 09:35	LB89227



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB89227 level: low sdg no.: LB89227
contract: lab code: CHEM case no.: LB89227 sas no.: LB89227
matrix: WATER sample id: I4566-01 client id: REFUSE-PITMS
Percent Solids for Sample: 0 Spiked ID: I4566-01MS 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	10.2	OR	9.2	OR	1	100		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89227 level: low sdg no.: LB89227
contract: lab code: CHEM case no.: LB89227 sas no.: LB89227
matrix: WATER sample id: I4566-01 client id: REFUSE-PITMSD
Percent Solids for Sample: 0 Spiked ID: I4566-01MSD 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	10.2	OR	9.2	OR	1	100		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB89227 level: low sdg no.: LB89227
contract: lab code: CHEM case no.: LB89227 sas no.: LB89227
matrix: WATER sample id: I4566-01DL client id: REFUSE-PITMSDDL
Percent Solids for Sample: 0 Spiked ID: I4566-01MSDDL 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	10.1	D	9.1	D	1	100		



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB89227 level: low sdg no.: LB89227
contract: lab code: CHEM case no.: LB89227 sas no.: LB89227
matrix: WATER sample id: I4566-01DL client id: REFUSE-PITMSDL
Percent Solids for Sample: 0 Spiked ID: I4566-01MSDL 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	9.8	D	9.1	D	1	70	*	

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89227 **Level:** LOW **SDG No.:** LB89227
Contract: **Lab Code:** CHEM **Case No.:** LB89227 **SAS No.:** LB89227
Matrix: WATER **Sample ID:** I4566-01 **Client ID:** REFUSE-PITDUP
Percent Solids for Sample: 0 **Duplicate ID** I4566-01DUP **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	9.2	OR	9.2	OR	0		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89227 **Level:** LOW **SDG No.:** LB89227
Contract: _____ **Lab Code:** CHEM **Case No.:** LB89227 **SAS No.:** LB89227
Matrix: WATER **Sample ID:** I4566-01DL **Client ID:** REFUSE-PITDUPDL
Percent Solids for Sample: 0 **Duplicate ID** I4566-01DUPDL **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	9.1	D	8.9	D	2		

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89227 **Level:** LOW **SDG No.:** LB89227
Contract: _____ **Lab Code:** CHEM **Case No.:** LB89227 **SAS No.:** LB89227
Matrix: WATER **Sample ID:** I4566-01MS **Client ID:** REFUSE-PITMSD
Percent Solids for Sample: 0 **Duplicate ID** I4566-01MSD **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	10.2	OR	10.2	OR	0		

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- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB89227 **Level:** LOW **SDG No.:** LB89227
Contract: **Lab Code:** CHEM **Case No.:** LB89227 **SAS No.:** LB89227
Matrix: WATER **Sample ID:** I4566-01MSDL **Client ID:** REFUSE-PITMSDDL
Percent Solids for Sample: 0 **Duplicate ID** I4566-01MSDDL **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	9.8	D	10.1	D	3		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB89227

SDG No.: LB89227

Contract:

Lab Code: CHEM

Case No.: LB89227

SAS No.: LB89227

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB101193BS Ammonia as N	mg/L	1	0.96		96	80 - 120	