

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q3380	OrderDate:	10/17/2025 11:12:00 AM
Client:	ALS Environmental	Project:	ALS Middletown
Contact:	Jessica Smith	Location:	J43

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3380-01	MRS/NRS	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 14:45	
Q3380-02	Delumper Feed	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 14:55	
Q3380-02DL	Delumper FeedDL	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 15:33	
Q3380-02DL 2	Delumper FeedDL2	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 16:06	
Q3380-03	MIX	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 14:55	
Q3380-03DL	MIXDL	SOIL			09/30/25 23:59			10/17/25
			Ammonia	SM4500-NH3		10/22/25	10/22/25 15:33	



SAMPLE DATA

Report of Analysis

Client: ALS Environmental
Project: ALS Middletown
Client Sample ID: MRS/NRS
Lab Sample ID: Q3380-01

Date Collected: 09/30/25 23:59
Date Received: 10/17/25
SDG No.: Q3380
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	75.3		1	2.10	4.80	mg/Kg	10/22/25 11:20	10/22/25 14:45	SM 4500-NH3 B plus G-21

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	ALS Environmental	Date Collected:	09/30/25 23:59
Project:	ALS Middletown	Date Received:	10/17/25
Client Sample ID:	Delumper Feed	SDG No.:	Q3380
Lab Sample ID:	Q3380-02	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	1390	OR	1	2.20	5.00	mg/Kg	10/22/25 11:20	10/22/25 14:55	SM 4500-NH3 B plus G-21

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client: ALS Environmental
Project: ALS Middletown
Client Sample ID: Delumper FeedDL
Lab Sample ID: Q3380-02DL

Date Collected: 09/30/25 23:59
Date Received: 10/17/25
SDG No.: Q3380
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2540	OR	20	43.6	99.0	mg/Kg	10/22/25 11:20	10/22/25 15:33	SM 4500-NH3 B plus G-21

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client: ALS Environmental
Project: ALS Middletown
Client Sample ID: Delumper FeedDL2
Lab Sample ID: Q3380-02DL2

Date Collected: 09/30/25 23:59
Date Received: 10/17/25
SDG No.: Q3380
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	2430	D	40	87.1	198	mg/Kg	10/22/25 11:20	10/22/25 16:06	SM 4500-NH3 B plus G-21

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client: ALS Environmental
Project: ALS Middletown
Client Sample ID: MIX
Lab Sample ID: Q3380-03

Date Collected: 09/30/25 23:59
Date Received: 10/17/25
SDG No.: Q3380
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	273	OR	1	2.10	4.80	mg/Kg	10/22/25 11:20	10/22/25 14:55	SM 4500-NH3 B plus G-21

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client: ALS Environmental
Project: ALS Middletown
Client Sample ID: MIXDL
Lab Sample ID: Q3380-03DL

Date Collected: 09/30/25 23:59
Date Received: 10/17/25
SDG No.: Q3380
Matrix: SOIL
% Solid: 100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	269	D	5	10.6	24.0	mg/Kg	10/22/25 11:20	10/22/25 15:33	SM 4500-NH3 B plus G-21

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

H = Sample Analysis Out Of Hold Time

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



QC RESULT SUMMARY

Initial and Continuing Calibration Verification

Client: ALS Environmental

SDG No.: Q3380

Project: ALS Middletown

RunNo.: LB137617

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Ammonia as N	mg/L	0.97	1	97	90-110	10/22/2025
Sample ID: CCV1 Ammonia as N	mg/L	0.97	1	97	90-110	10/22/2025
Sample ID: CCV2 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV3 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV4 Ammonia as N	mg/L	0.96	1	96	90-110	10/22/2025
Sample ID: CCV5 Ammonia as N	mg/L	0.98	1	98	90-110	10/22/2025

Initial and Continuing Calibration Blank Summary

Client: ALS Environmental

SDG No.: Q3380

Project: ALS Middletown

RunNo.: LB137617

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB1 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB2 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB3 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB4 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025
Sample ID: CCB5 Ammonia as N	mg/L	< 0.0500	0.0500	U	0.030	0.1	10/22/2025

Preparation Blank Summary

Client: ALS Environmental

SDG No.: Q3380

Project: ALS Middletown

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID:	PB170196BL						
Ammonia as N	mg/Kg	< 2.5000	2.5000	U	2.2	5	10/22/2025

Matrix Spike Summary

Client:	ALS Environmental	SDG No.:	Q3380
Project:	ALS Middletown	Sample ID:	Q3380-01
Client ID:	MRS/NRSMS	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	126	OR	75.3		49	1	103		10/22/2025

Matrix Spike Summary

Client:	ALS Environmental	SDG No.:	Q3380
Project:	ALS Middletown	Sample ID:	Q3380-01
Client ID:	MRS/NRSMSD	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Ammonia as N	mg/Kg	75-125	125	OR	75.3		48.1	1	103		10/22/2025

Duplicate Sample Summary

Client:	ALS Environmental	SDG No.:	Q3380
Project:	ALS Middletown	Sample ID:	Q3380-01
Client ID:	MRS/NRSDUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	75.3		74.7		1	1		10/22/2025

Duplicate Sample Summary

Client:	ALS Environmental	SDG No.:	Q3380
Project:	ALS Middletown	Sample ID:	Q3380-01
Client ID:	MRS/NRSMSD	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/Kg	+/-20	126	OR	125	OR	1	1		10/22/2025

Duplicate Sample Summary

Client:	ALS Environmental	SDG No.:	Q3380
Project:	ALS Middletown	Sample ID:	Q3420-05
Client ID:	COMPOSITEDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ammonia as N	mg/L	+/-20	0.45		0.45		1	0		10/22/2025

Laboratory Control Sample Summary

Client: ALS Environmental

SDG No.: Q3380

Project: ALS Middletown

Run No.: LB137617

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB170196BS							
Ammonia as N	mg/Kg	50	49.1		98	1	90-110	10/22/2025



RAW DATA

LB137617

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/22/2025 16:06

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.971	0.0	0.216	
ICB1	0.008	0.0	0.021	
CCV1	0.969	0.0	0.215	
CCB1	0.007	0.0	0.021	
RL CHECK	0.091	0.0	0.038	
PB170196BL	0.007	0.0	0.021	
PB170196BS	0.983	0.0	0.218	
Q3380-01	1.565	0.0	0.335	
Q3380-01DUP	1.554	0.0	0.333	
Q3380-01MS	2.572	0.0	0.538	
Q3380-01MSD	2.610	0.0	0.546	
Q3380-02	28.142	0.0	5.693	
Q3380-03	5.673	0.0	1.163	
PB170208BL	0.011	0.0	0.022	
CCV2	0.958	0.0	0.213	
CCB2	0.011	0.0	0.022	
PB170208BS	0.978	0.0	0.217	
Q3420-05	0.446	0.0	0.110	
Q3420-05DUP	0.447	0.0	0.110	
Q3420-05MS	1.519	0.0	0.326	
Q3420-05MSD	1.463	0.0	0.315	
CCV3	0.957	0.0	0.213	
CCB3	0.017	0.0	0.023	
Q3380-02DLX20	2.562	0.0	0.536	
Q3380-03DLX5	1.118	0.0	0.245	
CCV4	0.958	0.0	0.213	
CCB4	0.010	0.0	0.022	
Q3380-02DL2X40	1.227	0.0	0.267	
CCV5	0.984	0.0	0.218	
CCB5	0.012	0.0	0.022	
N	30			
Mean	1.961			
SD	5.0814			
CV%	259.13			

91% (50-150) 10/22/2025
RM

Test limit high
Test limit high
Init abs., Test limit hig
Test limit high

Test limit high

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 22 12:57:57 2025

Wed Oct 22 16:06:06 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0134	mg/l	10/22/2025 12:57:57	
0.1PPM	A	Ammonia-† P		0.107	mg/l	10/22/2025 12:57:58	
0.2PPM	A	Ammonia-† P		0.2031	mg/l	10/22/2025 12:57:59	
0.4PPM	A	Ammonia-† P		0.3989	mg/l	10/22/2025 12:58:00	
1.0PPM	A	Ammonia-† P		0.978	mg/l	10/22/2025 12:58:01	
1.3PPM	A	Ammonia-† P		1.3006	mg/l	10/22/2025 12:58:02	
2.0PPM	A	Ammonia-† P		2.0324	mg/l	10/22/2025 12:58:03	
ICV1	S	Ammonia-† P		0.971	mg/l	10/22/2025 14:34:29	
ICB1	S	Ammonia-† P		0.008	mg/l	10/22/2025 14:34:31	
CCV1	S	Ammonia-† P		0.9688	mg/l	10/22/2025 14:34:33	
CCB1	S	Ammonia-† P		0.0072	mg/l	10/22/2025 14:34:35	
RL CHECK	S	Ammonia-† P		0.0909	mg/l	10/22/2025 14:34:40	
PB170196BL	S	Ammonia-† P		0.0068	mg/l	10/22/2025 14:45:13	
PB170196BS	S	Ammonia-† P		0.9829	mg/l	10/22/2025 14:45:16	
Q3380-01	S	Ammonia-† P		1.5653	mg/l	10/22/2025 14:45:17	
Q3380-01DUP	S	Ammonia-† P		1.5537	mg/l	10/22/2025 14:45:19	
Q3380-01MS	S	Ammonia-† P		2.5716	mg/l	10/22/2025 14:45:21	
Q3380-01MSD	S	Ammonia-† P		2.6097	mg/l	10/22/2025 14:45:22	
Q3380-02	S	Ammonia-† P		28.1422	mg/l	10/22/2025 14:55:54	
Q3380-03	S	Ammonia-† P		5.6728	mg/l	10/22/2025 14:55:55	
PB170208BL	S	Ammonia-† P		0.0108	mg/l	10/22/2025 14:55:58	
CCV2	S	Ammonia-† P		0.9577	mg/l	10/22/2025 14:56:00	
CCB2	S	Ammonia-† P		0.0109	mg/l	10/22/2025 14:56:02	
PB170208BS	S	Ammonia-† P		0.9776	mg/l	10/22/2025 14:56:04	
Q3420-05	S	Ammonia-† P		0.4458	mg/l	10/22/2025 14:56:05	
Q3420-05DUP	S	Ammonia-† P		0.4468	mg/l	10/22/2025 15:04:54	
Q3420-05MS	S	Ammonia-† P		1.5186	mg/l	10/22/2025 15:33:42	
Q3420-05MSD	S	Ammonia-† P		1.4625	mg/l	10/22/2025 15:33:43	
CCV3	S	Ammonia-† P		0.9573	mg/l	10/22/2025 15:33:44	
CCB3	S	Ammonia-† P		0.0175	mg/l	10/22/2025 15:33:45	
Q3380-02DLX20	S	Ammonia-† P		2.5622	mg/l	10/22/2025 15:33:47	
Q3380-03DLX5	S	Ammonia-† P		1.1179	mg/l	10/22/2025 15:33:48	
CCV4	S	Ammonia-† P		0.9577	mg/l	10/22/2025 15:33:50	
CCB4	S	Ammonia-† P		0.0103	mg/l	10/22/2025 15:33:53	
Q3380-02DL2X40	S	Ammonia-† P		1.2272	mg/l	10/22/2025 16:06:02	
CCV5	S	Ammonia-† P		0.9838	mg/l	10/22/2025 16:06:04	
CCB5	S	Ammonia-† P		0.0121	mg/l	10/22/2025 16:06:05	

Calibration results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/22/2025 13:32

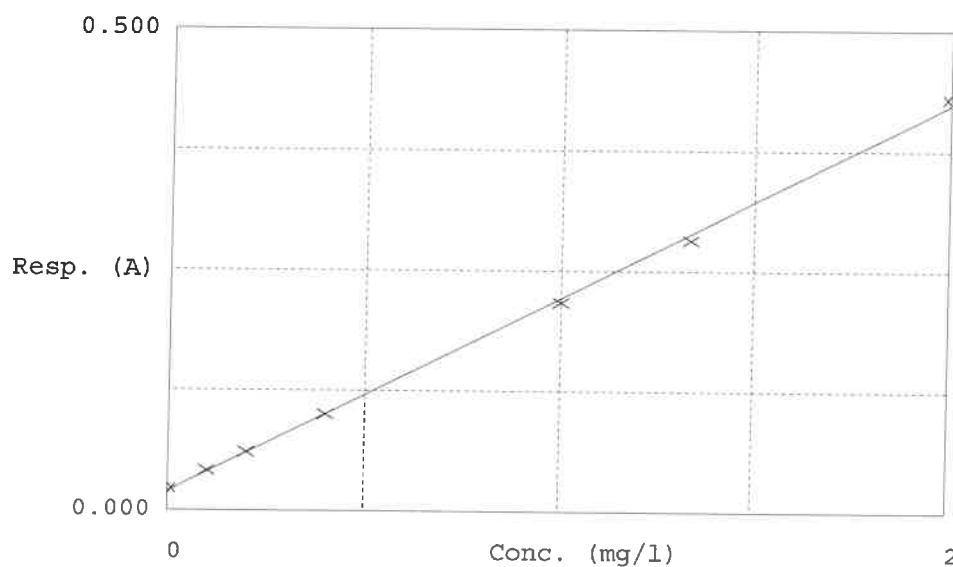
Test Ammonia-N

Accepted 10/22/2025 13:32

Factor 4.96
Bias 0.020

Coeff. of det. 0.999157

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.023	0.0134	0.0000	-
2	NH3-2PPM	0.041	0.1070	0.1000	7.0
3	NH3-2PPM	0.061	0.2031	0.2000	1.6
4	NH3-2PPM	0.100	0.3989	0.4000	-0.3
5	NH3-2PPM	0.217	0.9780	1.0000	-2.2
6	NH3-2PPM	0.282	1.3006	1.3333	0.0
7	NH3-2PPM	0.430	2.0324	2.0000	1.6

10/22/2025
RM

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 10/22/2025 Time : 11:20 Temp : 150 °C

Matrix : SOIL

End Digest Date: 10/22/2025 Time : 12:20 Temp : 157 °C

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: RM

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP115088
MS/MSD SPIKE SOL.	1.0ML	WP115087
RL CHECK	0.1ML	WP115087
PBS003	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113836
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT
WP114104,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/2025 12:30	RM CW	RM CW
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB170196BL	PBS196	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB170196BS	LCS196	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-01DUP	MRS/NRSDUP	1.04	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-01MS	MRS/NRSMS	1.02	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-01MSD	MRS/NRSMSD	1.04	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-01	MRS/NRS	1.04	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-02	DELUMPER FEED	1.01	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3380-03	MIX	1.04	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : AMMONIA 3380

WorkList ID : 192615

Department : Distillation

Date : 10-22-2025 08:20:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3380-01	MRS/NRS	Solid	Ammonia	Cool 4 deg C	ALSE01	J43	09/30/2025	SM4500-NH3
Q3380-02	Delumper Feed	Solid	Ammonia	Cool 4 deg C	ALSE01	J43	09/30/2025	SM4500-NH3
Q3380-03	MIX	Solid	Ammonia	Cool 4 deg C	ALSE01	J43	09/30/2025	SM4500-NH3

Date/Time 10/22/2025 08:30
 Raw Sample Received by: RM WCN
 Raw Sample Relinquished by: WCC

Date/Time 10/22/2025 13:10
 Raw Sample Received by: WCC
 Raw Sample Relinquished by: RM WCN

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137617

Review By	rubina	Review On	10/23/2025 8:56:00 AM
Supervise By	Iwona	Supervise On	10/23/2025 1:34:46 PM
SubDirectory	LB137617	Test	Ammonia
STD. NAME	STD REF.#		
ICAL Standard	WP115287		
ICV Standard	WP115289		
CCV Standard	WP115288		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPM	0.0PPM	CAL1	10/22/25 12:57		rubina	OK
2	0.1PPM	0.1PPM	CAL2	10/22/25 12:57		rubina	OK
3	0.2PPM	0.2PPM	CAL3	10/22/25 12:57		rubina	OK
4	0.4PPM	0.4PPM	CAL4	10/22/25 12:58		rubina	OK
5	1.0PPM	1.0PPM	CAL5	10/22/25 12:58		rubina	OK
6	1.3PPM	1.3PPM	CAL6	10/22/25 12:58		rubina	OK
7	2.0PPM	2.0PPM	CAL7	10/22/25 12:58		rubina	OK
8	ICV1	ICV1	ICV	10/22/25 14:34		rubina	OK
9	ICB1	ICB1	ICB	10/22/25 14:34		rubina	OK
10	CCV1	CCV1	CCV	10/22/25 14:34		rubina	OK
11	CCB1	CCB1	CCB	10/22/25 14:34		rubina	OK
12	RL	RL	LOQ	10/22/25 14:34		rubina	OK
13	PB170196BL	PB170196BL	MB	10/22/25 14:45		rubina	OK
14	PB170196BS	PB170196BS	LCS	10/22/25 14:45		rubina	OK
15	Q3380-01	MRS/NRS	SAM	10/22/25 14:45		rubina	OK
16	Q3380-01DUP	MRS/NRSDUP	DUP	10/22/25 14:45		rubina	OK
17	Q3380-01MS	MRS/NRSMMS	MS	10/22/25 14:45		rubina	OK
18	Q3380-01MSD	MRS/NRSMMSD	MSD	10/22/25 14:45		rubina	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB137617

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ICV Standard	WP115289		
CCV Standard	WP115288		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	WP115088		
Chk Standard	WP115290,WP114133,WP113929,WP114132		

19	Q3380-02	Delumper Feed	SAM	10/22/25 14:55	NH3 is high, need dilution	rubina	Dilution
20	Q3380-03	MIX	SAM	10/22/25 14:55	NH3 is high, need dilution	rubina	Dilution
21	PB170208BL	PB170208BL	MB	10/22/25 14:55		rubina	OK
22	CCV2	CCV2	CCV	10/22/25 14:56		rubina	OK
23	CCB2	CCB2	CCB	10/22/25 14:56		rubina	OK
24	PB170208BS	PB170208BS	LCS	10/22/25 14:56		rubina	OK
25	Q3420-05	COMPOSITE	SAM	10/22/25 14:56		rubina	OK
26	Q3420-05DUP	COMPOSITEDUP	DUP	10/22/25 15:04		rubina	OK
27	Q3420-05MS	COMPOSITEMS	MS	10/22/25 15:33		rubina	OK
28	Q3420-05MSD	COMPOSITEMSD	MSD	10/22/25 15:33		rubina	OK
29	CCV3	CCV3	CCV	10/22/25 15:33		rubina	OK
30	CCB3	CCB3	CCB	10/22/25 15:33		rubina	OK
31	Q3380-02DL	Delumper FeedDL	SAM	10/22/25 15:33	20X for NH3, Still high	rubina	Dilution
32	Q3380-03DL	MIXDL	SAM	10/22/25 15:33	5X for NH3	rubina	Confirms
33	CCV4	CCV4	CCV	10/22/25 15:33		rubina	OK
34	CCB4	CCB4	CCB	10/22/25 15:33		rubina	OK
35	Q3380-02DL2	Delumper FeedDL2	SAM	10/22/25 16:06	40X For NH3	rubina	Confirms
36	CCV5	CCV5	CCV	10/22/25 16:06		rubina	OK
37	CCB5	CCB5	CCB	10/22/25 16:06		rubina	OK



SHIPPING DOCUMENTS



**CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS**

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT /
SAMPLER. INSTRUCTIONS ON THE BACK.

COC #: 25101301

of

ALS Quote #:

[illegible]

^aG=Graph; C=Composite

*Matrix = A; r = Drinking Water; GW = Groundwater; G = Oil; LW = Liquid Waste; S = Solid Soil/Sediment; SW = Surface Water; WP = Waste; WW = Wastewater

ALS SHIPPING ADDRESS: 301 Fulling Mill Road, Suite A, Middletown, PA 17057

$$3.5 + 0.2 = 3.7$$

Rev 07.06.2023

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312