

LB136459

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

7/14/2025 12:41

Reviewed by : RM Instrument ID : Konelab

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.993	0.0	0.210	
ICB1	0.008	0.0	0.019	
CCV1	1.017	0.0	0.215	
CCB1	0.008	0.0	0.019	
RL CHECK	0.093	0.0	0.035	
PB168835BL	0.001	0.0	0.017	
PB168835BS	0.962	0.0	0.204	
Q2536-01	0.003	0.0	0.018	
Q2536-01DUP	0.008	0.0	0.019	
Q2536-01MS	0.993	0.0	0.210	
Q2536-01MSD	1.027	0.0	0.217	
Q2536-02	0.009	0.0	0.019	
Q2536-03	0.005	0.0	0.018	
Q2565-01	-0.059	0.0	0.006	
CCV2	0.980	0.0	0.208	
CCB2	0.004	0.0	0.018	
Q2570-03	10.428	0.0	2.046	Test limit high
Q2570-07	8.777	0.0	1.724	Test limit high
CCV3	1.030	0.0	0.217	
CCB3	0.004	0.0	0.018	
Q2570-03DLX10	0.965	0.0	0.205	
Q2570-07DLX10	0.799	0.0	0.173	
CCV4	1.002	0.0	0.212	
CCB4	-0.003	0.0	0.017	

93% (50-150)

07/14/2025

RM

N 24
Mean 1.211
SD 2.6390
CV% 217.99

Aquakem v. 7.2AQ1

Results from time period:

Mon Jul 14 10:59:54 2025

Mon Jul 14 12:39:05 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0074	mg/l	7/14/2025 10:59:54	
0.1PPM	A	Ammonia-† P		0.1037	mg/l	7/14/2025 10:59:55	
0.2PPM	A	Ammonia-† P		0.1989	mg/l	7/14/2025 10:59:56	
0.4PPM	A	Ammonia-† P		0.3879	mg/l	7/14/2025 10:59:57	
1.0PPM	A	Ammonia-† P		0.9878	mg/l	7/14/2025 10:59:58	
1.3PPM	A	Ammonia-† P		1.3509	mg/l	7/14/2025 10:59:59	
2.0PPM	A	Ammonia-† P		1.9967	mg/l	7/14/2025 11:00:00	
ICV1	S	Ammonia-† P		0.9934	mg/l	7/14/2025 11:52:22	
ICB1	S	Ammonia-† P		0.0077	mg/l	7/14/2025 11:52:23	
CCV1	S	Ammonia-† P		1.0169	mg/l	7/14/2025 11:52:25	
CCB1	S	Ammonia-† P		0.0084	mg/l	7/14/2025 11:52:27	
RL CHECK	S	Ammonia-† P		0.0928	mg/l	7/14/2025 11:52:29	
PB168835BL	S	Ammonia-† P		0.0014	mg/l	7/14/2025 12:03:05	
PB168835BS	S	Ammonia-† P		0.9616	mg/l	7/14/2025 12:03:08	
Q2536-01	S	Ammonia-† P		0.0027	mg/l	7/14/2025 12:03:09	
Q2536-01DUP	S	Ammonia-† P		0.0082	mg/l	7/14/2025 12:03:10	
Q2536-01MS	S	Ammonia-† P		0.9932	mg/l	7/14/2025 12:03:12	
Q2536-01MSD	S	Ammonia-† P		1.0271	mg/l	7/14/2025 12:03:13	
Q2536-02	S	Ammonia-† P		0.0093	mg/l	7/14/2025 12:03:15	
Q2536-03	S	Ammonia-† P		0.0051	mg/l	7/14/2025 12:03:16	
Q2565-01	S	Ammonia-† P		-0.0587	mg/l	7/14/2025 12:13:46	
CCV2	S	Ammonia-† P		0.9803	mg/l	7/14/2025 12:13:47	
CCB2	S	Ammonia-† P		0.0043	mg/l	7/14/2025 12:13:49	
Q2570-03	S	Ammonia-† P		10.4277	mg/l	7/14/2025 12:13:51	
Q2570-07	S	Ammonia-† P		8.7765	mg/l	7/14/2025 12:13:52	
CCV3	S	Ammonia-† P		1.0296	mg/l	7/14/2025 12:13:53	
CCB3	S	Ammonia-† P		0.0036	mg/l	7/14/2025 12:13:56	
Q2570-03DLX10	S	Ammonia-† P		0.9654	mg/l	7/14/2025 12:38:59	
Q2570-07DLX10	S	Ammonia-† P		0.799	mg/l	7/14/2025 12:39:01	
CCV4	S	Ammonia-† P		1.0024	mg/l	7/14/2025 12:39:02	
CCB4	S	Ammonia-† P		-0.0026	mg/l	7/14/2025 12:39:05	

Calibration results

Aquakem 7.2AQ1

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7/14/2025 11:07

Reviewed by : RM

Instrument ID : Konelab

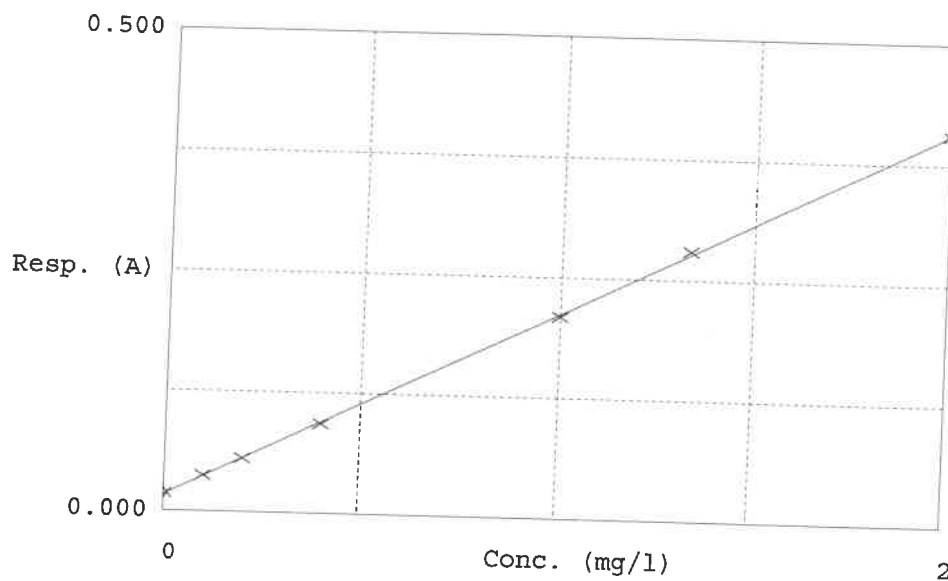
Test Ammonia-N

Accepted 7/14/2025 11:07

Factor 5.141
Bias 0.017

Coeff. of det. 0.999798

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.019	0.0074	0.0000	-
2	NH3-2PPM	0.037	0.1037	0.1000	3.7
3	NH3-2PPM	0.056	0.1989	0.2000	-0.6
4	NH3-2PPM	0.093	0.3879	0.4000	-3.0
5	NH3-2PPM	0.209	0.9878	1.0000	-1.2
6	NH3-2PPM	0.280	1.3509	1.3333	3.9
7	NH3-2PPM	0.406	1.9967	2.0000	-0.2

07/14/2025
RM