

LB136405

Test results Aquakem 7.2AQ1 Page: 1

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

7/9/2025 11:06

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.987	0.0	0.219	
ICB1	0.025	0.0	0.022	
CCV1	0.943	0.0	0.210	
CCB1	0.019	0.0	0.021	
RL CHECK	0.099	0.0	0.037	
PB168757BL	0.013	0.0	0.019	
PB168757BS	0.983	0.0	0.218	
Q2487-09	0.033	0.0	0.023	
Q2487-09DUP	0.035	0.0	0.024	
Q2487-09MS	0.989	0.0	0.220	
Q2487-09MSD	0.960	0.0	0.214	
Q2487-10	0.188	0.0	0.055	
Q2487-11	0.007	0.0	0.018	
Q2487-12	0.706	0.0	0.161	
CCV2	0.959	0.0	0.213	
CCB2	0.010	0.0	0.019	
Q2487-13	0.012	0.0	0.019	
Q2487-14	0.148	0.0	0.047	
Q2487-15	0.028	0.0	0.023	
Q2487-16	0.050	0.0	0.027	
PB168758BL	0.012	0.0	0.019	
PB168758BS	0.987	0.0	0.219	
Q2512-01	2.201	0.0	0.468	Test limit high
Q2512-01DUP	2.337	0.0	0.496	Test limit high
Q2512-01MS	3.225	0.0	0.678	Test limit high
Q2512-01MSD	3.117	0.0	0.656	Test limit high
CCV3	1.000	0.0	0.222	
CCB3	0.013	0.0	0.019	
Q2525-01	0.855	0.0	0.192	
CCV4	0.957	0.0	0.213	
CCB4	0.016	0.0	0.020	
Q2512-01DLX2	1.194	0.0	0.262	
Q2512-01DUPDLX2	1.198	0.0	0.262	
CCV5	0.995	0.0	0.221	
CCB5	0.011	0.0	0.019	
N	35			
Mean	0.723			
SD	0.8713			
CV%	120.48			

99% (50-150)
07/09/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Wed Jul 09 08:36:02 2025

Wed Jul 09 11:04:20 2025

Sample Id	Sam/Ct	Test short name	Test t	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-N	P	0.019	mg/l	7/9/2025 9:20:57	
0.1PPM	A	Ammonia-N	P	0.1126	mg/l	7/9/2025 9:20:58	
0.2PPM	A	Ammonia-N	P	0.1993	mg/l	7/9/2025 9:20:59	
0.4PPM	A	Ammonia-N	P	0.3945	mg/l	7/9/2025 9:21:00	
1.0PPM	A	Ammonia-N	P	0.942	mg/l	7/9/2025 9:21:01	
1.3PPM	A	Ammonia-N	P	1.3424	mg/l	7/9/2025 9:21:02	
2.0PPM	A	Ammonia-N	P	2.0235	mg/l	7/9/2025 9:21:03	
ICV1	S	Ammonia-N	P	0.9872	mg/l	7/9/2025 10:03:49	
ICB1	S	Ammonia-N	P	0.0251	mg/l	7/9/2025 10:03:52	
CCV1	S	Ammonia-N	P	0.9429	mg/l	7/9/2025 10:03:53	
CCB1	S	Ammonia-N	P	0.0185	mg/l	7/9/2025 10:03:56	
RL CHECK	S	Ammonia-N	P	0.0986	mg/l	7/9/2025 10:03:58	
PB168757BL	S	Ammonia-N	P	0.0125	mg/l	7/9/2025 10:14:34	
PB168757BS	S	Ammonia-N	P	0.9825	mg/l	7/9/2025 10:14:35	
Q2487-09	S	Ammonia-N	P	0.033	mg/l	7/9/2025 10:14:37	
Q2487-09DUP	S	Ammonia-N	P	0.0355	mg/l	7/9/2025 10:14:38	
Q2487-09MS	S	Ammonia-N	P	0.9893	mg/l	7/9/2025 10:14:39	
Q2487-09MSD	S	Ammonia-N	P	0.9599	mg/l	7/9/2025 10:14:40	
Q2487-10	S	Ammonia-N	P	0.1884	mg/l	7/9/2025 10:14:43	
Q2487-11	S	Ammonia-N	P	0.0069	mg/l	7/9/2025 10:14:44	
Q2487-12	S	Ammonia-N	P	0.7058	mg/l	7/9/2025 10:25:17	
CCV2	S	Ammonia-N	P	0.9595	mg/l	7/9/2025 10:25:20	
CCB2	S	Ammonia-N	P	0.0096	mg/l	7/9/2025 10:25:23	
Q2487-13	S	Ammonia-N	P	0.0117	mg/l	7/9/2025 10:25:24	
Q2487-14	S	Ammonia-N	P	0.148	mg/l	7/9/2025 10:25:25	
Q2487-15	S	Ammonia-N	P	0.0284	mg/l	7/9/2025 10:25:26	
Q2487-16	S	Ammonia-N	P	0.0501	mg/l	7/9/2025 10:25:27	
PB168758BL	S	Ammonia-N	P	0.0123	mg/l	7/9/2025 10:25:28	
PB168758BS	S	Ammonia-N	P	0.987	mg/l	7/9/2025 10:36:01	
Q2512-01	S	Ammonia-N	P	2.2009	mg/l	7/9/2025 10:36:02	
Q2512-01DUP	S	Ammonia-N	P	2.3374	mg/l	7/9/2025 10:36:03	
Q2512-01MS	S	Ammonia-N	P	3.2246	mg/l	7/9/2025 10:36:04	
Q2512-01MSD	S	Ammonia-N	P	3.1169	mg/l	7/9/2025 10:36:05	
CCV3	S	Ammonia-N	P	0.9999	mg/l	7/9/2025 10:36:09	
CCB3	S	Ammonia-N	P	0.0127	mg/l	7/9/2025 10:36:10	
Q2525-01	S	Ammonia-N	P	0.8555	mg/l	7/9/2025 10:43:14	
CCV4	S	Ammonia-N	P	0.9574	mg/l	7/9/2025 10:43:15	
CCB4	S	Ammonia-N	P	0.0159	mg/l	7/9/2025 10:43:17	
Q2512-01DLX2	S	Ammonia-N	P	1.1943	mg/l	7/9/2025 11:04:14	
Q2512-01DUPDLX	S	Ammonia-N	P	1.1982	mg/l	7/9/2025 11:04:16	
CCV5	S	Ammonia-N	P	0.9947	mg/l	7/9/2025 11:04:18	
CCB5	S	Ammonia-N	P	0.011	mg/l	7/9/2025 11:04:20	

Calibration results

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

7/9/2025 9:25

Test Ammonia-N

Accepted

7/9/2025 9:25

Factor

4.877

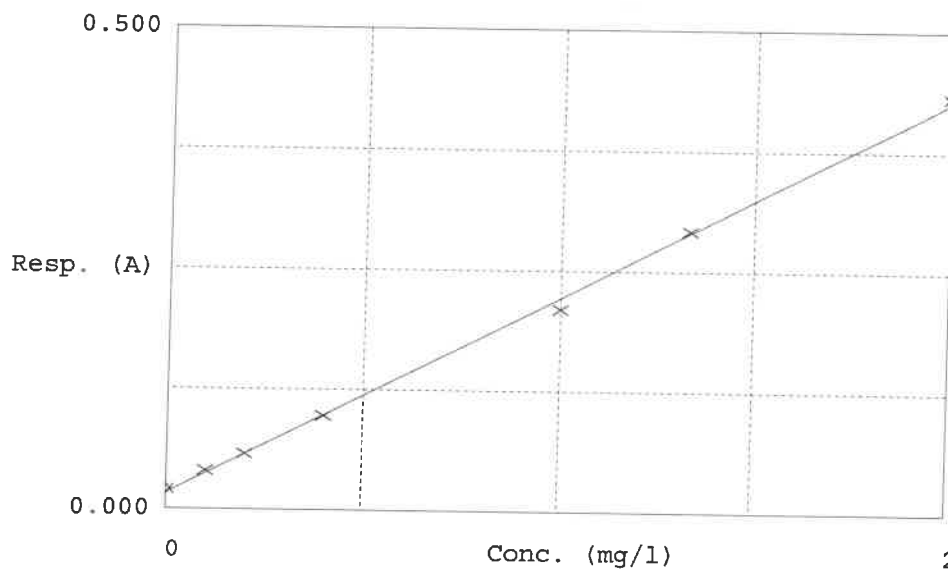
Bias

0.017

Coeff. of det.

0.998651

Errors



	Calibrator	Response	Calc. con.	Conc.	^{Re} Errors
1	0.00PPM	0.021	0.0190	0.0000	-
2	NH3-2PPM	0.040	0.1126	0.1000	12.6
3	NH3-2PPM	0.058	0.1993	0.2000	-0.4
4	NH3-2PPM	0.098	0.3945	0.4000	-1.4
5	NH3-2PPM	0.210	0.9420	1.0000	-5.8
6	NH3-2PPM	0.292	1.3424	1.3333	3.3
7	NH3-2PPM	0.432	2.0235	2.0000	1.2

07/09/2025
RM