

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/12/2025 10:58

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.991	0.0	0.201	
ICB1	0.032	0.0	0.017	
CCV1	0.969	0.0	0.196	
CCB1	0.028	0.0	0.017	
RL CHECK	0.098	0.0	0.030	
PB169198BL	0.029	0.0	0.017	
PB169198BS	1.007	0.0	0.204	
Q2795-01	0.026	0.0	0.016	
Q2795-01DUP	0.023	0.0	0.016	
Q2795-01MS	0.950	0.0	0.193	
Q2795-01MSD	0.943	0.0	0.191	
Q2795-02	0.022	0.0	0.015	
Q2795-03	0.034	0.0	0.018	
Q2807-01	0.021	0.0	0.015	
CCV2	0.968	0.0	0.196	
CCB2	0.020	0.0	0.015	
Q2807-02	0.024	0.0	0.016	
Q2807-03	0.021	0.0	0.015	
PB169199BL	0.018	0.0	0.015	
PB169199BS	0.999	0.0	0.202	
Q2804-01	0.108	0.0	0.032	
Q2804-01DUP	0.111	0.0	0.032	
Q2804-01MS	1.024	0.0	0.207	
Q2804-01MSD	1.010	0.0	0.204	
Q2813-01	15.270	0.0	2.930	Init abs., Test limit hig
Q2813-05	14.286	0.0	2.741	Init abs., Test limit hig
CCV3	1.025	0.0	0.207	
CCB3	0.020	0.0	0.015	
Q2813-01DLX10	1.453	0.0	0.289	
Q2813-05DLX10	1.280	0.0	0.256	
CCV4	0.992	0.0	0.201	
CCB4	0.020	0.0	0.015	

98% (50-150)

08/12/2025
RM

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N 32
Mean 1.369
SD 3.5551
CV% 259.61

Aquakem v. 7.2AQ1

Results from time period:

Tue Aug 12 08:49:22 2025

Tue Aug 12 10:50:57 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0238	mg/l	8/12/2025 8:49:22	
0.1PPM	A	Ammonia-† P		0.1099	mg/l	8/12/2025 8:49:23	
0.2PPM	A	Ammonia-† P		0.1986	mg/l	8/12/2025 8:49:24	
0.4PPM	A	Ammonia-† P		0.3944	mg/l	8/12/2025 8:49:25	
1.0PPM	A	Ammonia-† P		0.9869	mg/l	8/12/2025 8:49:26	
1.3PPM	A	Ammonia-† P		1.2706	mg/l	8/12/2025 8:49:27	
2.0PPM	A	Ammonia-† P		2.0492	mg/l	8/12/2025 8:49:28	
ICV1	S	Ammonia-† P		0.9911	mg/l	8/12/2025 9:47:03	
ICB1	S	Ammonia-† P		0.032	mg/l	8/12/2025 9:47:05	
CCV1	S	Ammonia-† P		0.969	mg/l	8/12/2025 9:47:08	
CCB1	S	Ammonia-† P		0.0284	mg/l	8/12/2025 9:47:10	
RL CHECK	S	Ammonia-† P		0.0981	mg/l	8/12/2025 9:47:13	
PB169198BL	S	Ammonia-† P		0.0294	mg/l	8/12/2025 9:57:47	
PB169198BS	S	Ammonia-† P		1.007	mg/l	8/12/2025 9:57:49	
Q2795-01	S	Ammonia-† P		0.0258	mg/l	8/12/2025 9:57:52	
Q2795-01DUP	S	Ammonia-† P		0.0225	mg/l	8/12/2025 9:57:53	
Q2795-01MS	S	Ammonia-† P		0.9495	mg/l	8/12/2025 9:57:55	
Q2795-01MSD	S	Ammonia-† P		0.9431	mg/l	8/12/2025 9:57:56	
Q2795-02	S	Ammonia-† P		0.0221	mg/l	8/12/2025 10:08:31	
Q2795-03	S	Ammonia-† P		0.0339	mg/l	8/12/2025 10:08:32	
Q2807-01	S	Ammonia-† P		0.0212	mg/l	8/12/2025 10:08:33	
CCV2	S	Ammonia-† P		0.9678	mg/l	8/12/2025 10:08:37	
CCB2	S	Ammonia-† P		0.0198	mg/l	8/12/2025 10:08:39	
Q2807-02	S	Ammonia-† P		0.0239	mg/l	8/12/2025 10:08:40	
Q2807-03	S	Ammonia-† P		0.0208	mg/l	8/12/2025 10:08:41	
PB169199BL	S	Ammonia-† P		0.0185	mg/l	8/12/2025 10:08:42	
PB169199BS	S	Ammonia-† P		0.9986	mg/l	8/12/2025 10:19:14	
Q2804-01	S	Ammonia-† P		0.1083	mg/l	8/12/2025 10:19:16	
Q2804-01DUP	S	Ammonia-† P		0.1108	mg/l	8/12/2025 10:19:19	
Q2804-01MS	S	Ammonia-† P		1.0238	mg/l	8/12/2025 10:19:20	
Q2804-01MSD	S	Ammonia-† P		1.0095	mg/l	8/12/2025 10:19:21	
Q2813-01	S	Ammonia-† P		15.2703	mg/l	8/12/2025 10:19:24	
Q2813-05	S	Ammonia-† P		14.2855	mg/l	8/12/2025 10:25:52	
CCV3	S	Ammonia-† P		1.0249	mg/l	8/12/2025 10:25:53	
CCB3	S	Ammonia-† P		0.0203	mg/l	8/12/2025 10:25:55	
Q2813-01DLX10	S	Ammonia-† P		1.4528	mg/l	8/12/2025 10:50:50	
Q2813-05DLX10	S	Ammonia-† P		1.2799	mg/l	8/12/2025 10:50:52	
CCV4	S	Ammonia-† P		0.9916	mg/l	8/12/2025 10:50:54	
CCB4	S	Ammonia-† P		0.0203	mg/l	8/12/2025 10:50:56	

Calibration results

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RH

Instrument ID : Konelab

8/12/2025 8:57

Test Ammonia-N

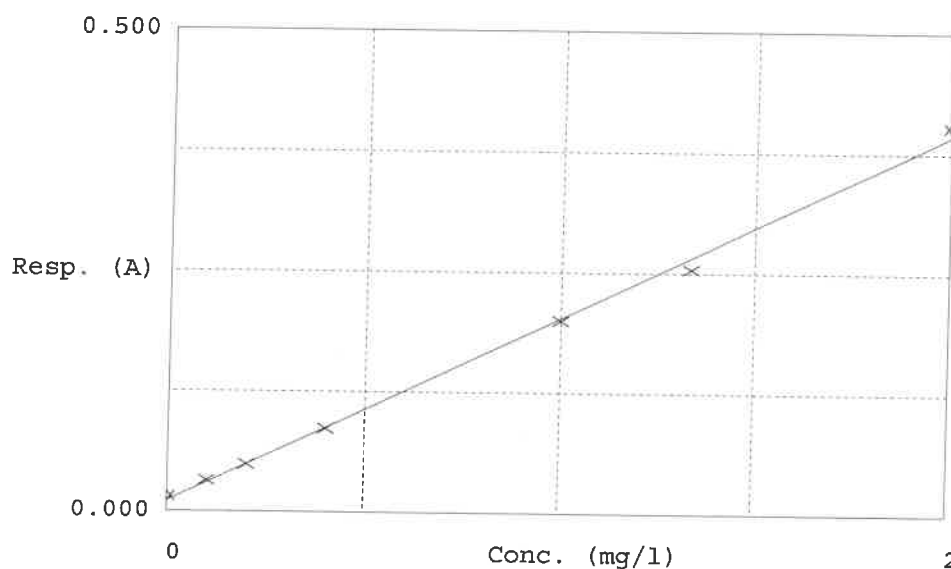
Accepted 8/12/2025 8:57

Factor 5.233

Bias 0.011

Coeff. of det. 0.997860

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.016	0.0238	0.0000	✓
2	NH3-2PPM	0.032	0.1099	0.1000	9.9
3	NH3-2PPM	0.049	0.1986	0.2000	-0.7
4	NH3-2PPM	0.087	0.3944	0.4000	-1.4
5	NH3-2PPM	0.200	0.9869	1.0000	-1.3
6	NH3-2PPM	0.254	1.2706	1.3333	-2.3
7	NH3-2PPM	0.403	2.0492	2.0000	2.5

08/12/2025
RH