

6136936

Test results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/22/2025 14:01

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.026	0.0	0.211	
ICB1	0.024	0.0	0.022	
CCV1	1.036	0.0	0.213	
CCB1	0.021	0.0	0.022	
RL CHECK	0.098	0.0	0.036	
PB169350BL	0.029	0.0	0.023	
PB169350BS	1.022	0.0	0.210	
Q2905-01	3.108	0.0	0.604	Test limit high
Q2905-02	53.107	0.0	10.037	Abs. high, Init abs., Tes
Q2905-03	7.565	0.0	1.445	Test limit high
Q2905-03DUP	7.589	0.0	1.449	Test limit high
Q2905-03MS	8.577	0.0	1.636	Test limit high
Q2905-03MSD	8.519	0.0	1.625	Test limit high
CCV2	1.033	0.0	0.212	
CCB2	0.026	0.0	0.022	
PB169354BL	0.032	0.0	0.024	
PB169354BS	1.040	0.0	0.214	
Q2935-01	10.757	0.0	2.047	Test limit high
Q2935-01DUP	10.784	0.0	2.052	Test limit high
Q2935-01MS	11.860	0.0	2.255	Test limit high
Q2935-01MSD	11.806	0.0	2.245	Test limit high
Q2935-05	7.299	0.0	1.395	Test limit high
CCV3	1.002	0.0	0.207	
CCB3	0.030	0.0	0.023	
Q2905-01DLX2	1.547	0.0	0.309	
Q2905-02DLX50	1.213	0.0	0.246	
Q2905-03DLX5	1.445	0.0	0.290	
Q2905-03DUPDLX5	1.446	0.0	0.290	
Q2935-01DLX10	1.009	0.0	0.208	
Q2935-01DUPDLX10	1.027	0.0	0.211	
Q2935-05DLX5	1.367	0.0	0.276	
CCV4	1.027	0.0	0.211	
CCB4	0.036	0.0	0.024	

90% (50-150)

08/22/2025
RM

N 33
Mean 4.773
SD 9.5589
CV% 200.27

Aquakem v. 7.2AQ1

Results from time period:

Fri Aug 22 10:17:29 2025

Fri Aug 22 13:40:30 2025

Sample Id	Sam/Ctr/c/	Test short name	Test ty	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-N	P	0.017	mg/l	8/22/2025 11:21:39	
0.1PPM	A	Ammonia-N	P	0.1106	mg/l	8/22/2025 11:21:40	
0.2PPM	A	Ammonia-N	P	0.2003	mg/l	8/22/2025 11:21:41	
0.4PPM	A	Ammonia-N	P	0.3914	mg/l	8/22/2025 11:21:42	
1.0PPM	A	Ammonia-N	P	0.9892	mg/l	8/22/2025 11:21:43	
1.3PPM	A	Ammonia-N	P	1.2882	mg/l	8/22/2025 11:21:44	
2.0PPM	A	Ammonia-N	P	2.0367	mg/l	8/22/2025 11:21:45	
ICV1	S	Ammonia-N	P	1.0264	mg/l	8/22/2025 12:09:34	
ICB1	S	Ammonia-N	P	0.0237	mg/l	8/22/2025 12:09:35	
CCV1	S	Ammonia-N	P	1.0355	mg/l	8/22/2025 12:09:37	
CCB1	S	Ammonia-N	P	0.0213	mg/l	8/22/2025 12:09:39	
RL CHECK	S	Ammonia-N	P	0.0981	mg/l	8/22/2025 12:09:43	
PB169350BL	S	Ammonia-N	P	0.0286	mg/l	8/22/2025 12:20:18	
PB169350BS	S	Ammonia-N	P	1.022	mg/l	8/22/2025 12:20:19	
Q2905-01	S	Ammonia-N	P	3.1081	mg/l	8/22/2025 12:20:21	
Q2905-02	S	Ammonia-N	P	53.1072	mg/l	8/22/2025 12:20:22	
Q2905-03	S	Ammonia-N	P	7.5653	mg/l	8/22/2025 12:20:23	
Q2905-03DUP	S	Ammonia-N	P	7.5894	mg/l	8/22/2025 12:20:25	
Q2905-03MS	S	Ammonia-N	P	8.5765	mg/l	8/22/2025 12:20:27	
Q2905-03MSD	S	Ammonia-N	P	8.5191	mg/l	8/22/2025 12:20:28	
CCV2	S	Ammonia-N	P	1.0328	mg/l	8/22/2025 12:31:07	
CCB2	S	Ammonia-N	P	0.0258	mg/l	8/22/2025 12:31:09	
PB169354BL	S	Ammonia-N	P	0.0324	mg/l	8/22/2025 12:41:42	
PB169354BS	S	Ammonia-N	P	1.0404	mg/l	8/22/2025 12:41:44	
Q2935-01	S	Ammonia-N	P	10.7573	mg/l	8/22/2025 12:41:47	
Q2935-01DUP	S	Ammonia-N	P	10.7837	mg/l	8/22/2025 12:41:49	
Q2935-01MS	S	Ammonia-N	P	11.8604	mg/l	8/22/2025 12:41:50	
Q2935-01MSD	S	Ammonia-N	P	11.8062	mg/l	8/22/2025 12:41:51	
Q2935-05	S	Ammonia-N	P	7.2985	mg/l	8/22/2025 12:41:52	
CCV3	S	Ammonia-N	P	1.0025	mg/l	8/22/2025 12:51:22	
CCB3	S	Ammonia-N	P	0.0297	mg/l	8/22/2025 12:51:23	
Q2905-01DLX2	S	Ammonia-N	P	1.5469	mg/l	8/22/2025 13:31:59	
Q2905-02DLX50	S	Ammonia-N	P	1.2128	mg/l	8/22/2025 13:32:01	
Q2905-03DLX5	S	Ammonia-N	P	1.445	mg/l	8/22/2025 13:32:05	
Q2905-03DUPDLX5	S	Ammonia-N	P	1.4459	mg/l	8/22/2025 13:32:08	
Q2935-01DLX10	S	Ammonia-N	P	1.0093	mg/l	8/22/2025 13:32:09	
Q2935-01DUPDLX10	S	Ammonia-N	P	1.0274	mg/l	8/22/2025 13:40:23	
Q2935-05DLX5	S	Ammonia-N	P	1.3672	mg/l	8/22/2025 13:40:25	
CCV4	S	Ammonia-N	P	1.0272	mg/l	8/22/2025 13:40:27	
CCB4	S	Ammonia-N	P	0.0356	mg/l	8/22/2025 13:40:30	

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8/22/2025 11:24

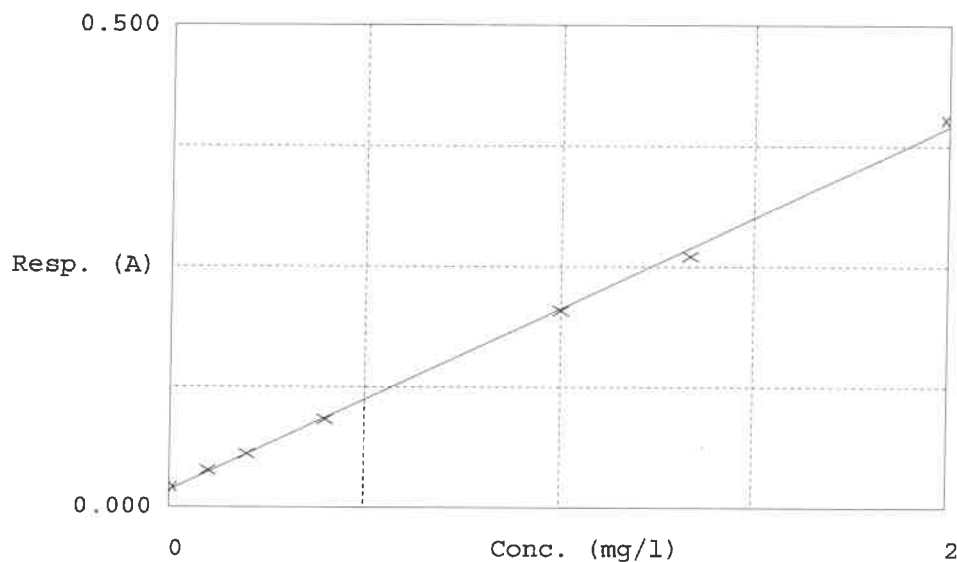
Test Ammonia-N

Accepted 8/22/2025 11:24

Factor 5.3
Bias 0.018

Coeff. of det. 0.998821

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.021	0.0170	0.0000	-
2	NH3-2PPM	0.039	0.1106	0.1000	10.6
3	NH3-2PPM	0.055	0.2003	0.2000	0.1
4	NH3-2PPM	0.091	0.3914	0.4000	-2.2
5	NH3-2PPM	0.204	0.9892	1.0000	-1.1
6	NH3-2PPM	0.261	1.2882	1.3333	-0.9
7	NH3-2PPM	0.402	2.0367	2.0000	1.8

08/22/2025
RM