

06137696

Test results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/29/2025 14:38

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.011	0.0	1.050	
ICB1	0.077	0.0	0.024	
CCV1	4.925	0.0	1.032	
CCB1	0.069	0.0	0.022	
RL CHECK	0.484	0.0	0.108	
PB170300BL	0.074	0.0	0.023	
PB170300BS	5.076	0.0	1.063	
Q3442-01	0.222	0.0	0.054	
Q3442-01DUP	0.221	0.0	0.053	
Q3442-01MS	4.688	0.0	0.983	
Q3442-01MSD	4.729	0.0	0.991	
Q3443-01	2.980	0.0	0.627	
Q3462-01	1.630	0.0	0.347	
Q3477-03	0.255	0.0	0.060	
CCV2	4.961	0.0	1.040	
CCB2	0.077	0.0	0.024	
N	16			
Mean	2.217			
SD	2.2710			
CV%	102.42			

97% (50-150)

10/29/2025

RM

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 29 12:58:19 2025

Wed Oct 29 14:34:28 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0847	mg/l	10/29/2025 12:58:19	
0.5PPM	A	TKN-NH3	P	0.5181	mg/l	10/29/2025 12:58:20	
1.0PPM	A	TKN-NH3	P	0.9798	mg/l	10/29/2025 12:58:21	
2.5PPM	A	TKN-NH3	P	2.4497	mg/l	10/29/2025 12:58:22	
5.0PPM	A	TKN-NH3	P	4.9028	mg/l	10/29/2025 12:58:23	
6.7PPM	A	TKN-NH3	P	6.6743	mg/l	10/29/2025 12:58:24	
10.0PPM	A	TKN-NH3	P	10.0572	mg/l	10/29/2025 12:58:25	
ICV1	S	TKN-NH3	P	5.0105	mg/l	10/29/2025 14:15:17	
ICB1	S	TKN-NH3	P	0.0774	mg/l	10/29/2025 14:15:19	
CCV1	S	TKN-NH3	P	4.9247	mg/l	10/29/2025 14:15:20	
CCB1	S	TKN-NH3	P	0.0689	mg/l	10/29/2025 14:15:23	
RL CHECK	S	TKN-NH3	P	0.4842	mg/l	10/29/2025 14:15:26	
PB170300BL	S	TKN-NH3	P	0.0742	mg/l	10/29/2025 14:25:57	
PB170300BS	S	TKN-NH3	P	5.0758	mg/l	10/29/2025 14:26:00	
Q3442-01	S	TKN-NH3	P	0.2223	mg/l	10/29/2025 14:26:01	
Q3442-01DUP	S	TKN-NH3	P	0.2209	mg/l	10/29/2025 14:26:03	
Q3442-01MS	S	TKN-NH3	P	4.6878	mg/l	10/29/2025 14:26:05	
Q3442-01MSD	S	TKN-NH3	P	4.7293	mg/l	10/29/2025 14:26:06	
Q3443-01	S	TKN-NH3	P	2.9797	mg/l	10/29/2025 14:34:21	
Q3462-01	S	TKN-NH3	P	1.6297	mg/l	10/29/2025 14:34:22	
Q3477-03	S	TKN-NH3	P	0.2546	mg/l	10/29/2025 14:34:23	
CCV2	S	TKN-NH3	P	4.961	mg/l	10/29/2025 14:34:24	
CCB2	S	TKN-NH3	P	0.077	mg/l	10/29/2025 14:34:26	

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10/29/2025 13:16

Test TKN-NH3

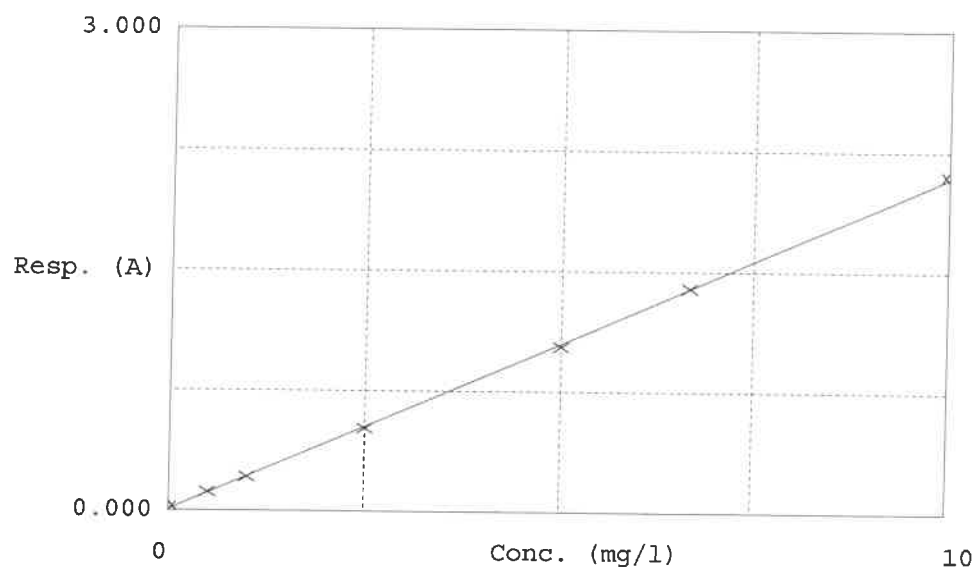
Accepted 10/29/2025 13:15

Factor 4.807

Bias 0.008

Coeff. of det. 0.999720

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.025	0.0847	0.0000	-
2	TKN-10	0.115	0.5181	0.5000	3.6
3	TKN-10	0.211	0.9798	1.0000	-2.0
4	TKN-10	0.517	2.4497	2.5000	-2.0
5	TKN-10	1.027	4.9028	5.0000	-1.9
6	TKN-10	1.396	6.6743	6.6667	-0.4
7	TKN-10	2.100	10.0572	10.0000	0.6

10/29/2025
RM