

6137214

Test results

Aquakem 7.2AQ1

Page: 1

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/17/2025 13:34

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.011	0.0	1.019	
ICB1	0.094	0.0	0.018	
CCV1	4.820	0.0	0.980	
CCB1	0.089	0.0	0.017	
RL CHECK	0.471	0.0	0.095	
PB169715BL	0.092	0.0	0.017	
PB169715BS	5.088	0.0	1.034	
Q2893-09	0.318	0.0	0.063	
Q3019-13	9.791	0.0	1.992	
PB169714BL	0.096	0.0	0.018	
PB169714BS	5.108	0.0	1.039	
Q2893-03	0.326	0.0	0.065	
CCV2	5.150	0.0	1.047	
CCB2	0.099	0.0	0.019	

94% (50-150)

09/17/2025
RM

N	14
Mean	2.611
SD	3.1348
CV%	120.07

Aquakem v. 7.2AQ1

Results from time period:

Wed Sep 17 11:42:23 2025

Wed Sep 17 12:55:01 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	0.1154	mg/l	9/17/2025 11:42:23	
0.5PPM	A	TKN-NH3	P	0.5289	mg/l	9/17/2025 11:42:24	
1.0PPM	A	TKN-NH3	P	0.997	mg/l	9/17/2025 11:42:25	
2.5PPM	A	TKN-NH3	P	2.4274	mg/l	9/17/2025 11:42:26	
5.0PPM	A	TKN-NH3	P	4.8682	mg/l	9/17/2025 11:42:27	
6.7PPM	A	TKN-NH3	P	6.6071	mg/l	9/17/2025 11:42:28	
10.0PPM	A	TKN-NH3	P	10.1226	mg/l	9/17/2025 11:42:29	
ICV1	S	TKN-NH3	P	5.0112	mg/l	9/17/2025 12:27:29	
ICB1	S	TKN-NH3	P	0.0937	mg/l	9/17/2025 12:27:30	
CCV1	S	TKN-NH3	P	4.8202	mg/l	9/17/2025 12:27:32	
CCB1	S	TKN-NH3	P	0.0885	mg/l	9/17/2025 12:27:35	
RL CHECK	S	TKN-NH3	P	0.4707	mg/l	9/17/2025 12:27:38	
PB169715BL	S	TKN-NH3	P	0.092	mg/l	9/17/2025 12:38:12	
PB169715BS	S	TKN-NH3	P	5.0878	mg/l	9/17/2025 12:38:15	
Q2893-09	S	TKN-NH3	P	0.3176	mg/l	9/17/2025 12:38:16	
Q3019-13	S	TKN-NH3	P	9.7907	mg/l	9/17/2025 12:38:19	
PB169714BL	S	TKN-NH3	P	0.0962	mg/l	9/17/2025 12:49:00	
PB169714BS	S	TKN-NH3	P	5.1079	mg/l	9/17/2025 12:49:02	
Q2893-03	S	TKN-NH3	P	0.3256	mg/l	9/17/2025 12:49:05	
CCV2	S	TKN-NH3	P	5.1498	mg/l	9/17/2025 12:54:58	
CCB2	S	TKN-NH3	P	0.099	mg/l	9/17/2025 12:55:00	

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9/17/2025 11:49

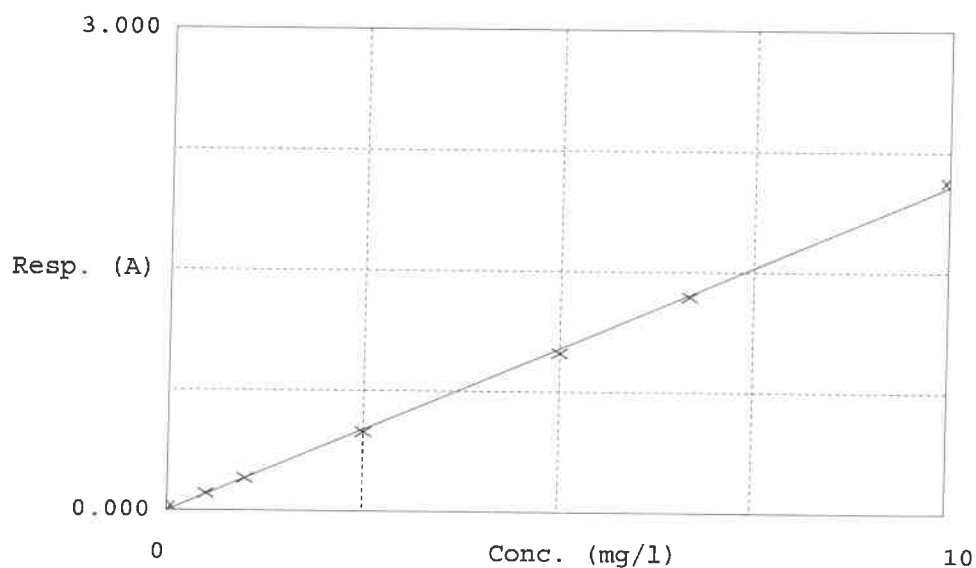
Test TKN-NH3

Accepted 9/17/2025 11:49

Factor 4.912
Bias -0.001

Coeff. of det. 0.999332

Errors



	Calibrator	Response	Calc. con.	Conc.	^{R_r} Errors
1	0.00PPM	0.022	0.1154	0.0000	-
2	TKN-10	0.106	0.5289	0.5000	5.8
3	TKN-10	0.202	0.9970	1.0000	-0.3
4	TKN-10	0.493	2.4274	2.5000	-2.9
5	TKN-10	0.990	4.8682	5.0000	-2.6
6	TKN-10	1.344	6.6071	6.6667	-1.4
7	TKN-10	2.059	10.1226	10.0000	1.2

09/17/2025
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