

6137266

Test results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/22/2025 15:04

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.988	0.0	1.037	
ICB1	0.078	0.0	0.018	
CCV1	4.775	0.0	0.993	
CCB1	0.077	0.0	0.018	
RL CHECK	0.479	0.0	0.101	
PB169776BL	0.079	0.0	0.018	
PB169776BS	5.008	0.0	1.041	
Q3135-01	4.393	0.0	0.914	
Q3135-01DUP	4.383	0.0	0.912	
Q3135-01MS	9.181	0.0	1.907	
Q3135-01MSD	9.132	0.0	1.897	
Q3151-01	0.311	0.0	0.066	
CCV2	4.921	0.0	1.023	
CCB2	0.079	0.0	0.018	

95% (50-150)

09/22/2025
RM

N 14
Mean 3.420
SD 3.2786
CV% 95.86

Aquakem v. 7.2AQ1

Results from time period:

Mon Sep 22 13:57:31 2025

Mon Sep 22 14:58:17 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	0.0898	mg/l	9/22/2025 13:57:31	
0.5PPM	A	TKN-NH3	P	0.5797	mg/l	9/22/2025 13:57:32	
1.0PPM	A	TKN-NH3	P	0.9799	mg/l	9/22/2025 13:57:33	
2.5PPM	A	TKN-NH3	P	2.3964	mg/l	9/22/2025 13:57:34	
5.0PPM	A	TKN-NH3	P	4.878	mg/l	9/22/2025 13:57:35	
6.7PPM	A	TKN-NH3	P	6.6403	mg/l	9/22/2025 13:57:36	
10.0PPM	A	TKN-NH3	P	10.1025	mg/l	9/22/2025 13:57:37	
ICV1	S	TKN-NH3	P	4.9883	mg/l	9/22/2025 14:40:17	
ICB1	S	TKN-NH3	P	0.078	mg/l	9/22/2025 14:40:19	
CCV1	S	TKN-NH3	P	4.7749	mg/l	9/22/2025 14:40:21	
CCB1	S	TKN-NH3	P	0.0772	mg/l	9/22/2025 14:40:24	
RL CHECK	S	TKN-NH3	P	0.4791	mg/l	9/22/2025 14:40:25	
PB169776BL	S	TKN-NH3	P	0.0788	mg/l	9/22/2025 14:50:58	
PB169776BS	S	TKN-NH3	P	5.008	mg/l	9/22/2025 14:51:00	
Q3135-01	S	TKN-NH3	P	4.3932	mg/l	9/22/2025 14:51:02	
Q3135-01DUP	S	TKN-NH3	P	4.3833	mg/l	9/22/2025 14:51:05	
Q3135-01MS	S	TKN-NH3	P	9.1812	mg/l	9/22/2025 14:51:08	
Q3135-01MSD	S	TKN-NH3	P	9.1319	mg/l	9/22/2025 14:51:09	
Q3151-01	S	TKN-NH3	P	0.3115	mg/l	9/22/2025 14:58:12	
CCV2	S	TKN-NH3	P	4.921	mg/l	9/22/2025 14:58:13	
CCB2	S	TKN-NH3	P	0.0789	mg/l	9/22/2025 14:58:17	

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9/22/2025 14:02

Test TKN-NH3

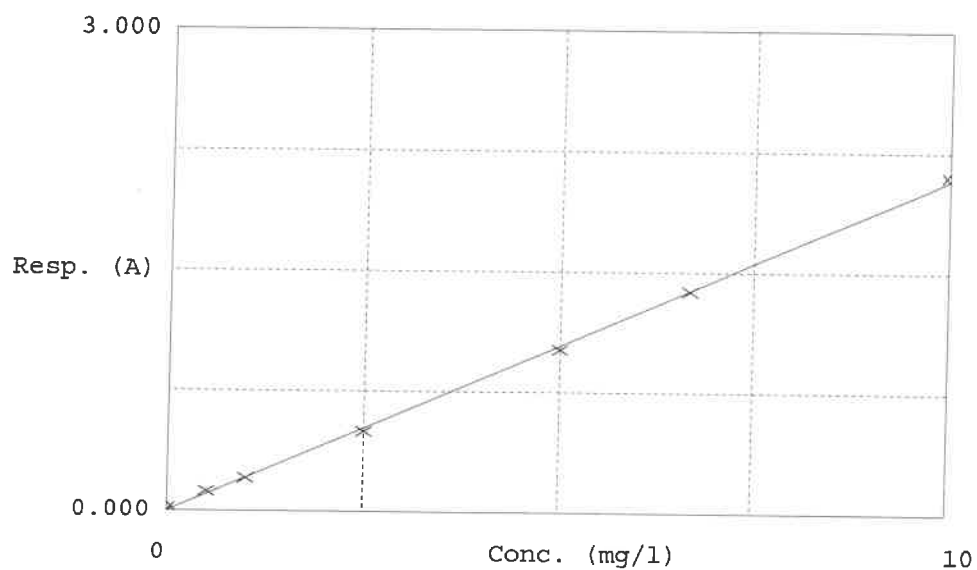
Accepted 9/22/2025 14:02

Factor 4.818

Bias 0.002

Coeff. of det. 0.999377

Errors



	Calibrator	Response	Calc. con.	Conc.	^{R_e} Errors
1	0.00PPM	0.020	0.0898	0.0000	-
2	TKN-10	0.122	0.5797	0.5000	15.9
3	TKN-10	0.205	0.9799	1.0000	-2.0
4	TKN-10	0.499	2.3964	2.5000	-4.1
5	TKN-10	1.014	4.8780	5.0000	-2.4
6	TKN-10	1.380	6.6403	6.6667	-0.9
7	TKN-10	2.099	10.1025	10.0000	1.6

09/22/2025
RM