

LB137420

Test results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

10/3/2025 14:47

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.078	0.0	1.073	
ICB1	0.135	0.0	0.033	
CCV1	4.937	0.0	1.044	
CCB1	0.138	0.0	0.033	
RL CHECK	0.464	0.0	0.102	
PB169955BL	0.133	0.0	0.032	
PB169955BS	5.106	0.0	1.079	
Q3254-01	0.176	0.0	0.041	
Q3254-03	10.830	0.0	2.284	Test limit high
Q3254-05	4.941	0.0	1.044	
Q3254-07	11.277	0.0	2.378	Test limit high
Q3263-01	0.143	0.0	0.035	
Q3263-02	0.302	0.0	0.068	
Q3263-02DUP	0.298	0.0	0.067	
CCV2	4.945	0.0	1.045	
CCB2	0.138	0.0	0.033	
Q3263-02MS	5.348	0.0	1.130	
Q3263-02MSD	5.351	0.0	1.131	
CCV3	4.948	0.0	1.046	
CCB3	0.133	0.0	0.032	
Q3254-03DLX2	5.363	0.0	1.133	
Q3254-07DLX2	5.660	0.0	1.196	
CCV4	5.126	0.0	1.083	
CCB4	0.133	0.0	0.032	

92% (50-150)
10/03/2025
RM

N 24
Mean 3.379
SD 3.3934
CV% 100.42

Aquakem v. 7.2AQ1

Results from time period:

Fri Oct 03 11:54:08 2025

Fri Oct 03 14:38:34 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	0.1138	mg/l	10/3/2025 11:54:08	
0.5PPM	A	TKN-NH3	P	0.5411	mg/l	10/3/2025 11:54:09	
1.0PPM	A	TKN-NH3	P	1.0012	mg/l	10/3/2025 11:54:10	
2.5PPM	A	TKN-NH3	P	2.4303	mg/l	10/3/2025 11:54:11	
5.0PPM	A	TKN-NH3	P	4.9547	mg/l	10/3/2025 11:54:12	
6.7PPM	A	TKN-NH3	P	6.4298	mg/l	10/3/2025 11:54:13	
10.0PPM	A	TKN-NH3	P	10.1958	mg/l	10/3/2025 11:54:14	
ICV1	S	TKN-NH3	P	5.0782	mg/l	10/3/2025 14:22:22	
ICB1	S	TKN-NH3	P	0.1355	mg/l	10/3/2025 14:22:23	
CCV1	S	TKN-NH3	P	4.937	mg/l	10/3/2025 14:22:24	
CCB1	S	TKN-NH3	P	0.1378	mg/l	10/3/2025 14:22:25	
RL CHECK	S	TKN-NH3	P	0.4641	mg/l	10/3/2025 14:22:27	
PB169955BL	S	TKN-NH3	P	0.1329	mg/l	10/3/2025 14:22:28	
PB169955BS	S	TKN-NH3	P	5.1057	mg/l	10/3/2025 14:22:29	
Q3254-01	S	TKN-NH3	P	0.1757	mg/l	10/3/2025 14:22:30	
Q3254-03	S	TKN-NH3	P	10.8301	mg/l	10/3/2025 14:22:31	
Q3254-05	S	TKN-NH3	P	4.9409	mg/l	10/3/2025 14:22:32	
Q3254-07	S	TKN-NH3	P	11.2771	mg/l	10/3/2025 14:22:33	
Q3263-01	S	TKN-NH3	P	0.1432	mg/l	10/3/2025 14:33:03	
Q3263-02	S	TKN-NH3	P	0.3018	mg/l	10/3/2025 14:33:04	
Q3263-02DUP	S	TKN-NH3	P	0.2977	mg/l	10/3/2025 14:33:05	
CCV2	S	TKN-NH3	P	4.9455	mg/l	10/3/2025 14:33:06	
CCB2	S	TKN-NH3	P	0.1376	mg/l	10/3/2025 14:33:07	
Q3263-02MS	S	TKN-NH3	P	5.3478	mg/l	10/3/2025 14:33:08	
Q3263-02MSD	S	TKN-NH3	P	5.3512	mg/l	10/3/2025 14:33:09	
CCV3	S	TKN-NH3	P	4.9478	mg/l	10/3/2025 14:33:10	
CCB3	S	TKN-NH3	P	0.133	mg/l	10/3/2025 14:33:11	
Q3254-03DLX2	S	TKN-NH3	P	5.3625	mg/l	10/3/2025 14:33:12	
Q3254-07DLX2	S	TKN-NH3	P	5.6598	mg/l	10/3/2025 14:38:32	
CCV4	S	TKN-NH3	P	5.1263	mg/l	10/3/2025 14:38:33	
CCB4	S	TKN-NH3	P	0.1327	mg/l	10/3/2025 14:38:34	

Calibration results

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10/3/2025 12:05

Test TKN-NH3

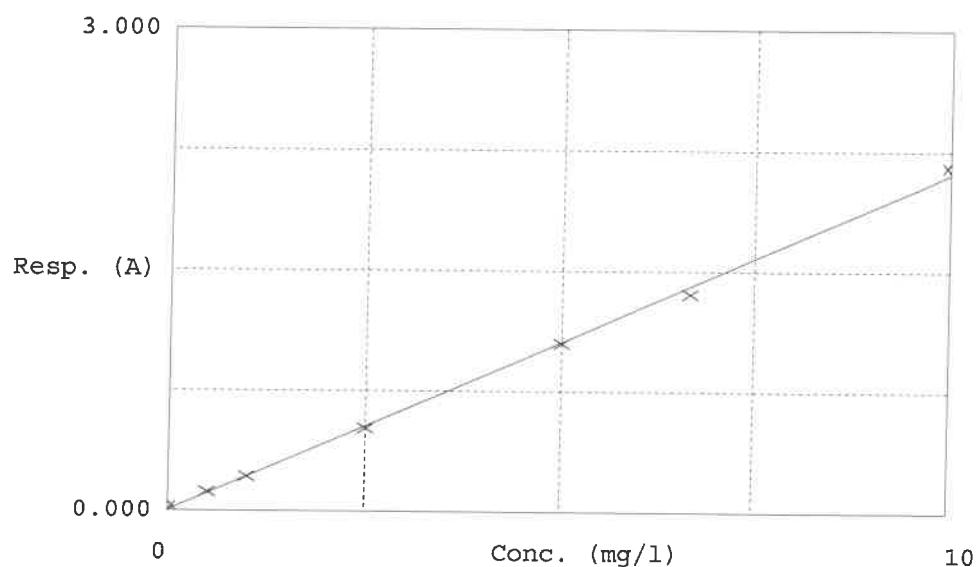
Accepted 10/3/2025 12:05

Factor 4.751

Bias 0.004

Coeff. of det. 0.998602

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.028	0.1138	0.0000	-
2	TKN-10	0.118	0.5411	0.5000	8.2
3	TKN-10	0.215	1.0012	1.0000	0.1
4	TKN-10	0.516	2.4303	2.5000	-2.8
5	TKN-10	1.047	4.9547	5.0000	-0.9
6	TKN-10	1.358	6.4298	6.6667	-4.0
7	TKN-10	2.151	10.1958	10.0000	2.0

10/03/2025

RM