

66138131

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

12/5/2025 14:30

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.999	0.0	1.003	
ICB1	0.081	0.0	0.019	
CCV1	5.094	0.0	1.022	
CCB1	0.080	0.0	0.019	
RL CHECK	0.509	0.0	0.104	
PB170831BL	0.078	0.0	0.018	
PB170831BS	5.023	0.0	1.008	
Q3728-01	0.624	0.0	0.127	
Q3728-01DUP	0.626	0.0	0.128	
Q3728-01MS	4.984	0.0	1.000	
Q3728-01MSD	5.096	0.0	1.022	
Q3734-01	0.234	0.0	0.049	
Q3734-02	3.310	0.0	0.665	
Q3777-01	1.562	0.0	0.315	
CCV2	5.012	0.0	1.005	
CCB2	0.080	0.0	0.018	
Q3778-01	0.284	0.0	0.059	
CCV3	5.060	0.0	1.015	
CCB3	0.079	0.0	0.018	

101% (50-150)

12/5/2025
RM

N 19
Mean 2.253
SD 2.3072
CV% 102.39

Aquakem v. 7.2AQ1

Results from time period:

Fri Dec 05 13:08:39 2025

Fri Dec 05 14:27:55 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	0.1032	mg/l	12/5/2025 13:08:39	
0.5PPM	A	TKN-NH3	P	0.5347	mg/l	12/5/2025 13:08:40	
1.0PPM	A	TKN-NH3	P	1.0112	mg/l	12/5/2025 13:08:41	
2.5PPM	A	TKN-NH3	P	2.4987	mg/l	12/5/2025 13:08:42	
5.0PPM	A	TKN-NH3	P	4.9625	mg/l	12/5/2025 13:08:43	
6.7PPM	A	TKN-NH3	P	6.2869	mg/l	12/5/2025 13:08:44	
10.0PPM	A	TKN-NH3	P	10.2694	mg/l	12/5/2025 13:08:45	
ICV1	S	TKN-NH3	P	4.9986	mg/l	12/5/2025 14:00:58	
ICB1	S	TKN-NH3	P	0.0814	mg/l	12/5/2025 14:01:00	
CCV1	S	TKN-NH3	P	5.0943	mg/l	12/5/2025 14:01:03	
CCB1	S	TKN-NH3	P	0.0804	mg/l	12/5/2025 14:01:05	
RL CHECK	S	TKN-NH3	P	0.5091	mg/l	12/5/2025 14:01:08	
PB170831BL	S	TKN-NH3	P	0.0784	mg/l	12/5/2025 14:11:43	
PB170831BS	S	TKN-NH3	P	5.023	mg/l	12/5/2025 14:11:46	
Q3728-01	S	TKN-NH3	P	0.6243	mg/l	12/5/2025 14:11:47	
Q3728-01DUP	S	TKN-NH3	P	0.6255	mg/l	12/5/2025 14:11:49	
Q3728-01MS	S	TKN-NH3	P	4.9838	mg/l	12/5/2025 14:11:51	
Q3728-01MSD	S	TKN-NH3	P	5.0958	mg/l	12/5/2025 14:11:52	
Q3734-01	S	TKN-NH3	P	0.2341	mg/l	12/5/2025 14:22:24	
Q3734-02	S	TKN-NH3	P	3.31	mg/l	12/5/2025 14:22:25	
Q3777-01	S	TKN-NH3	P	1.5616	mg/l	12/5/2025 14:22:26	
CCV2	S	TKN-NH3	P	5.0121	mg/l	12/5/2025 14:22:29	
CCB2	S	TKN-NH3	P	0.0797	mg/l	12/5/2025 14:22:32	
Q3778-01	S	TKN-NH3	P	0.2842	mg/l	12/5/2025 14:22:33	
CCV3	S	TKN-NH3	P	5.0603	mg/l	12/5/2025 14:22:34	
CCB3	S	TKN-NH3	P	0.0794	mg/l	12/5/2025 14:27:54	

Calibration results

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12/5/2025 13:18

Test TKN-NH3

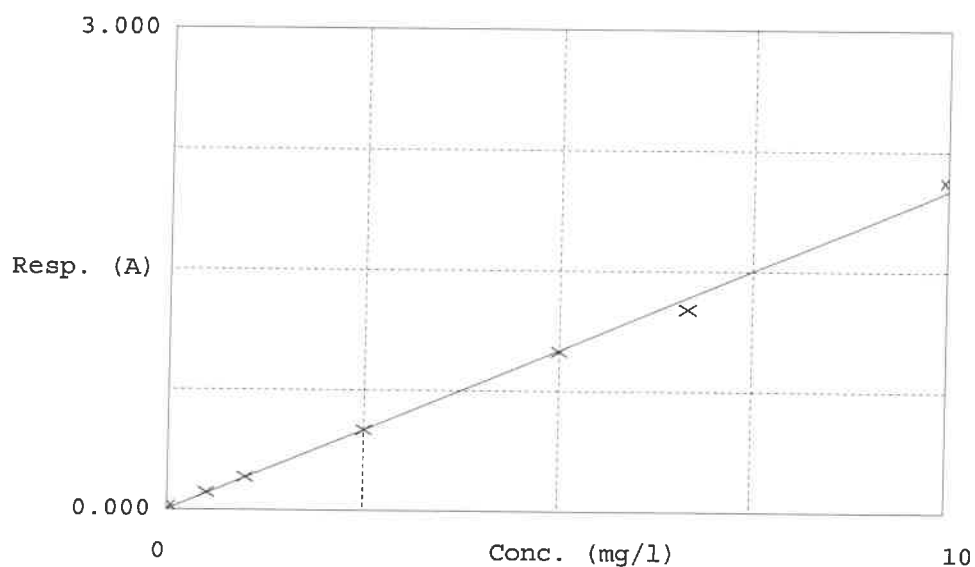
Accepted 12/5/2025 13:18

Factor 4.998

Bias 0.003

Coeff. of det. 0.997229

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.023	0.1032	0.0000	-
2	TKN-10	0.110	0.5347	0.5000	6.9
3	TKN-10	0.205	1.0112	1.0000	1.1
4	TKN-10	0.503	2.4987	2.5000	-0.1
5	TKN-10	0.996	4.9625	5.0000	-0.7
6	TKN-10	1.261	6.2869	6.6667	-6.2
7	TKN-10	2.057	10.2694	10.0000	2.7

12/5/2025

RM