

66137024

Test results

Aquakem 7.2AQ1

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Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

8/29/2025 15:32

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.044	0.0	1.036	
ICB1	0.107	0.0	0.022	
CCV1	4.862	0.0	0.998	
CCB1	0.102	0.0	0.021	
PB169474BL	0.102	0.0	0.021	
PB169474BS	5.004	0.0	1.027	
Q2971-37	0.661	0.0	0.135	
Q2971-37DUP	0.656	0.0	0.134	
Q2971-37MS	5.334	0.0	1.095	
Q2971-37MSD	5.323	0.0	1.093	
RL CHECK	0.538	0.0	0.110	
CCV2	5.041	0.0	1.035	
CCB2	0.114	0.0	0.023	

107% (50-150)
08/29/2025
RM

N 13
Mean 2.530
SD 2.4886
CV% 98.38

Aquakem v. 7.2AQ1

Results from time period:

Fri Aug 29 14:03:15 2025

Fri Aug 29 15:15:16 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	0.1215	mg/l	8/29/2025 14:03:15	
0.5PPM	A	TKN-NH3	P	0.5333	mg/l	8/29/2025 14:03:16	
1.0PPM	A	TKN-NH3	P	0.9982	mg/l	8/29/2025 14:03:17	
2.5PPM	A	TKN-NH3	P	2.4117	mg/l	8/29/2025 14:03:18	
5.0PPM	A	TKN-NH3	P	4.8553	mg/l	8/29/2025 14:03:19	
6.7PPM	A	TKN-NH3	P	6.628	mg/l	8/29/2025 14:03:20	
10.0PPM	A	TKN-NH3	P	10.1187	mg/l	8/29/2025 14:03:21	
ICV1	S	TKN-NH3	P	5.0436	mg/l	8/29/2025 14:39:50	
ICB1	S	TKN-NH3	P	0.107	mg/l	8/29/2025 14:39:52	
CCV1	S	TKN-NH3	P	4.8617	mg/l	8/29/2025 14:39:55	
CCB1	S	TKN-NH3	P	0.1024	mg/l	8/29/2025 14:39:57	
PB169474BL	S	TKN-NH3	P	0.1016	mg/l	8/29/2025 14:50:31	
PB169474BS	S	TKN-NH3	P	5.0041	mg/l	8/29/2025 14:50:33	
Q2971-37	S	TKN-NH3	P	0.6609	mg/l	8/29/2025 14:50:35	
Q2971-37DUP	S	TKN-NH3	P	0.6561	mg/l	8/29/2025 14:50:38	
Q2971-37MS	S	TKN-NH3	P	5.334	mg/l	8/29/2025 14:50:39	
Q2971-37MSD	S	TKN-NH3	P	5.323	mg/l	8/29/2025 14:50:41	
RL CHECK	S	TKN-NH3	P	0.5376	mg/l	8/29/2025 15:12:49	
CCV2	S	TKN-NH3	P	5.0409	mg/l	8/29/2025 15:15:15	
CCB2	S	TKN-NH3	P	0.1136	mg/l	8/29/2025 15:15:16	

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8/29/2025 14:10

Test TKN-NH3

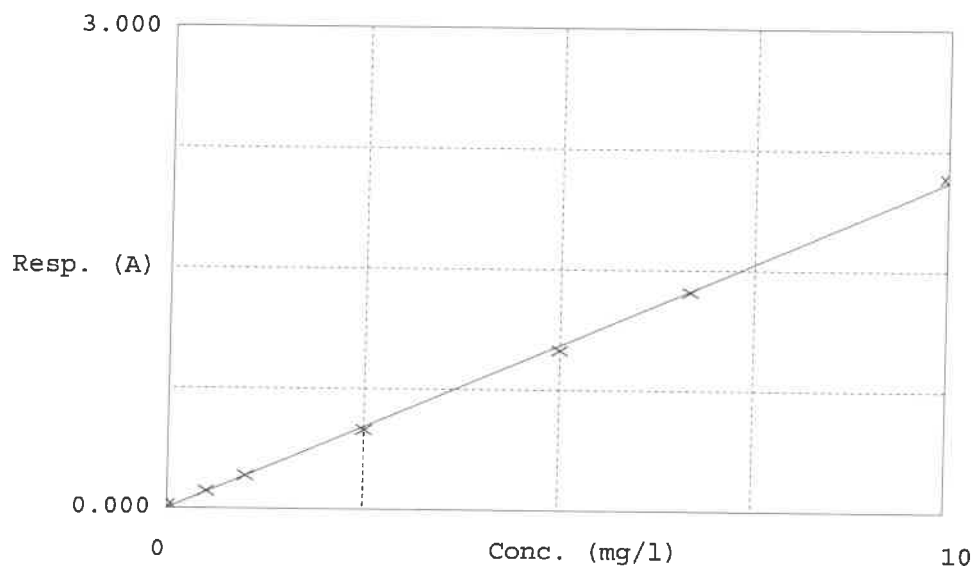
Accepted 8/29/2025 14:10

Factor 4.869

Bias 0

Coeff. of det. 0.999274

Errors



	Calibrator	Response	Calc. con.	Conc.	^{RM} Errors
1	0.00PPM	0.025	0.1215	0.0000	-
2	TKN-10	0.109	0.5333	0.5000	6.7
3	TKN-10	0.205	0.9982	1.0000	-0.2
4	TKN-10	0.495	2.4117	2.5000	-3.5
5	TKN-10	0.997	4.8553	5.0000	-2.9
6	TKN-10	1.361	6.6280	6.6667	-1.1
7	TKN-10	2.078	10.1187	10.0000	1.2

08/29/2025
RM