

LB13737

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

9/30/2025 16:35

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.911	0.0	1.041	
ICB1	0.107	0.0	0.024	
CCV1	4.898	0.0	1.038	
CCB1	0.103	0.0	0.023	
RL CHECK	0.482	0.0	0.104	
PB169920BL	0.103	0.0	0.023	
PB169920BS	4.893	0.0	1.037	
Q3202-01	0.226	0.0	0.049	
Q3202-03	0.272	0.0	0.059	
Q3202-05	0.510	0.0	0.109	
Q3202-07	0.519	0.0	0.111	
Q3202-09	0.173	0.0	0.038	
Q3202-11	10.147	0.0	2.148	Test limit high
Q3202-11DUP	10.158	0.0	2.151	Test limit high
CCV2	4.902	0.0	1.039	
CCB2	0.116	0.0	0.026	
Q3202-13MS	15.654	0.0	3.314	Init abs., Test limit hig
Q3202-15MSD	15.604	0.0	3.303	Init abs., Test limit hig
Q3202-17	6.685	0.0	1.416	
CCV3	4.966	0.0	1.052	
CCB3	0.111	0.0	0.025	
Q3202-11DLX2	5.147	0.0	1.090	
Q3202-11DUPDLX2	5.153	0.0	1.092	
CCV4	5.018	0.0	1.063	
CCB4	0.107	0.0	0.024	

96% (50-150)
09/30/2025
RM

N	25
Mean	4.039
SD	4.7062
CV%	116.53

Aquakem v. 7.2AQ1

Results from time period:

Tue Sep 30 14:57:17 2025

Tue Sep 30 16:34:36 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	0.1213	mg/l	9/30/2025 14:57:17	
0.5PPM	A	TKN-NH3	P	0.5318	mg/l	9/30/2025 14:57:18	
1.0PPM	A	TKN-NH3	P	0.9948	mg/l	9/30/2025 14:57:19	
2.5PPM	A	TKN-NH3	P	2.4229	mg/l	9/30/2025 14:57:20	
5.0PPM	A	TKN-NH3	P	4.8276	mg/l	9/30/2025 14:57:21	
6.7PPM	A	TKN-NH3	P	6.6582	mg/l	9/30/2025 14:57:22	
10.0PPM	A	TKN-NH3	P	10.11	mg/l	9/30/2025 14:57:23	
ICV1	S	TKN-NH3	P	4.9112	mg/l	9/30/2025 15:45:45	
ICB1	S	TKN-NH3	P	0.1066	mg/l	9/30/2025 15:45:47	
CCV1	S	TKN-NH3	P	4.8977	mg/l	9/30/2025 15:45:49	
CCB1	S	TKN-NH3	P	0.1026	mg/l	9/30/2025 15:45:51	
RL CHECK	S	TKN-NH3	P	0.4825	mg/l	9/30/2025 15:45:53	
PB169920BL	S	TKN-NH3	P	0.1028	mg/l	9/30/2025 15:45:56	
PB169920BS	S	TKN-NH3	P	4.893	mg/l	9/30/2025 15:56:31	
Q3202-01	S	TKN-NH3	P	0.2264	mg/l	9/30/2025 15:56:32	
Q3202-03	S	TKN-NH3	P	0.2724	mg/l	9/30/2025 15:56:33	
Q3202-05	S	TKN-NH3	P	0.5101	mg/l	9/30/2025 15:56:34	
Q3202-07	S	TKN-NH3	P	0.5192	mg/l	9/30/2025 15:56:35	
Q3202-09	S	TKN-NH3	P	0.1731	mg/l	9/30/2025 15:56:36	
Q3202-11	S	TKN-NH3	P	10.1466	mg/l	9/30/2025 15:56:37	
Q3202-11DUP	S	TKN-NH3	P	10.1577	mg/l	9/30/2025 15:56:39	
CCV2	S	TKN-NH3	P	4.9021	mg/l	9/30/2025 16:07:12	
CCB2	S	TKN-NH3	P	0.1159	mg/l	9/30/2025 16:07:13	
Q3202-13MS	S	TKN-NH3	P	15.6543	mg/l	9/30/2025 16:07:15	
Q3202-15MSD	S	TKN-NH3	P	15.6043	mg/l	9/30/2025 16:07:16	
Q3202-17	S	TKN-NH3	P	6.6851	mg/l	9/30/2025 16:07:19	
CCV3	S	TKN-NH3	P	4.9657	mg/l	9/30/2025 16:07:20	
CCB3	S	TKN-NH3	P	0.1105	mg/l	9/30/2025 16:07:22	
Q3202-11DLX2	S	TKN-NH3	P	5.1468	mg/l	9/30/2025 16:34:29	
Q3202-11DUPDLX2	S	TKN-NH3	P	5.1531	mg/l	9/30/2025 16:34:31	
CCV4	S	TKN-NH3	P	5.0178	mg/l	9/30/2025 16:34:33	
CCB4	S	TKN-NH3	P	0.1074	mg/l	9/30/2025 16:34:36	

Calibration results

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9/30/2025 15:12

Test TKN-NH3

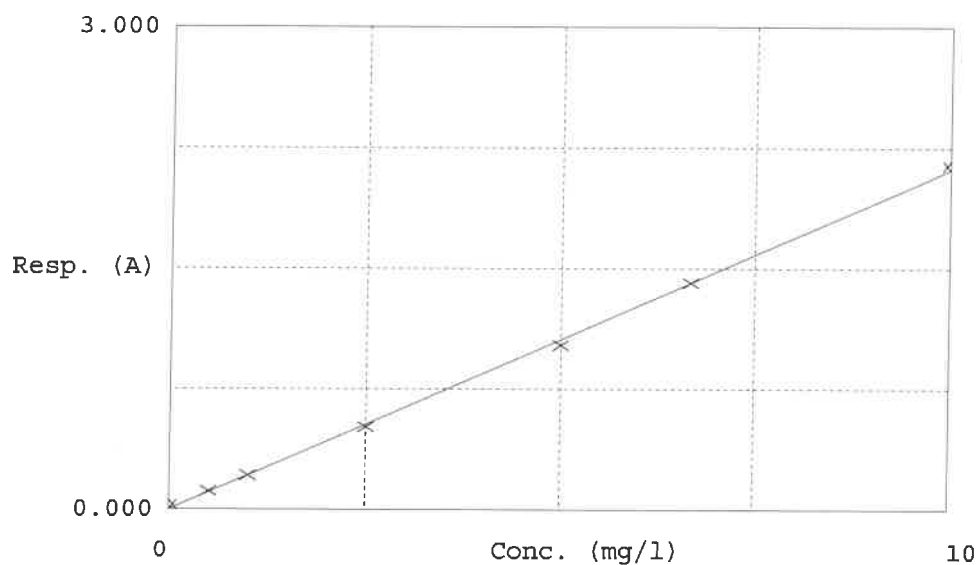
Accepted 9/30/2025 15:12

Factor 4.726

Bias 0.001

Coeff. of det. 0.999233

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.027	0.1213	0.0000	-
2	TKN-10	0.114	0.5318	0.5000	64
3	TKN-10	0.212	0.9948	1.0000	-0.5
4	TKN-10	0.514	2.4229	2.5000	-3.1
5	TKN-10	1.023	4.8276	5.0000	-3.4
6	TKN-10	1.410	6.6582	6.6667	-0.6
7	TKN-10	2.141	10.1100	10.0000	1.1

09/30/2025
RM