

LB136408

Test results

Aquakem 7.2AQ1

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Alliance Technical Group
 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

7/9/2025 13:32

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.865	0.0	1.055	
ICB1	0.087	0.0	0.021	
CCV1	4.872	0.0	1.057	
CCB1	0.082	0.0	0.019	
RL CHECK	0.601	0.0	0.132	
PB168731BL	0.078	0.0	0.019	
PB168731BS	4.890	0.0	1.061	
Q2487-09	4.343	0.0	0.942	
Q2487-09DUP	4.162	0.0	0.903	
Q2487-09MS	8.890	0.0	1.927	
Q2487-09MSD	8.662	0.0	1.878	
Q2487-10	46.341	0.0	10.038	Abs. high, Init abs., Tes
Q2487-11	3.212	0.0	0.697	
Q2487-12	18.497	0.0	4.008	Init abs., Test limit hig
CCV2	4.872	0.0	1.057	
CCB2	0.090	0.0	0.021	
Q2487-13	4.390	0.0	0.953	
Q2487-14	14.272	0.0	3.093	Init abs., Test limit hig
Q2487-15	7.815	0.0	1.694	
Q2487-16	3.644	0.0	0.791	
PB168699BL	0.086	0.0	0.020	
PB168699BS	4.836	0.0	1.049	
Q2470-01	0.398	0.0	0.088	
Q2470-01DUP	0.421	0.0	0.093	
Q2470-01MS	5.068	0.0	1.099	
Q2470-01MSD	4.953	0.0	1.074	
CCV3	4.858	0.0	1.054	
CCB3	0.079	0.0	0.019	
Q2471-01	1.513	0.0	0.329	
CCV4	4.948	0.0	1.073	
CCB4	0.088	0.0	0.021	
Q2487-10DLX10	2.886	0.0	0.627	
Q2487-12DLX5	3.939	0.0	0.855	
Q2487-14DLX2	6.894	0.0	1.495	
CCV5	4.948	0.0	1.073	
CCB5	0.081	0.0	0.019	
N	36			
Mean	5.296			
SD	8.0948			
CV%	152.84			

120! (50-150)
 07/09/2025
 RM

Aquakem v. 7.2AQ1

Results from time period:

Wed Jul 09 11:35:35 2025

Wed Jul 09 13:32:11 2025

Sample Id	Sam/Ctr/c/	Test short name	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0877	mg/l	7/9/2025 11:35:35	
0.5PPM	A	TKN-NH3	P	0.5239	mg/l	7/9/2025 11:35:36	
1.0PPM	A	TKN-NH3	P	0.9953	mg/l	7/9/2025 11:35:37	
2.5PPM	A	TKN-NH3	P	2.3921	mg/l	7/9/2025 11:35:38	
5.0PPM	A	TKN-NH3	P	4.9369	mg/l	7/9/2025 11:35:39	
6.7PPM	A	TKN-NH3	P	6.6856	mg/l	7/9/2025 11:35:40	
10.0PPM	A	TKN-NH3	P	10.0451	mg/l	7/9/2025 11:35:41	
ICV1	S	TKN-NH3	P	4.865	mg/l	7/9/2025 12:18:27	
ICB1	S	TKN-NH3	P	0.0869	mg/l	7/9/2025 12:18:30	
CCV1	S	TKN-NH3	P	4.8715	mg/l	7/9/2025 12:18:32	
CCB1	S	TKN-NH3	P	0.0816	mg/l	7/9/2025 12:18:33	
RL CHECK	S	TKN-NH3	P	0.6009	mg/l	7/9/2025 12:18:36	
PB168731BL	S	TKN-NH3	P	0.0777	mg/l	7/9/2025 12:18:37	
PB168731BS	S	TKN-NH3	P	4.8901	mg/l	7/9/2025 12:29:11	
Q2487-09	S	TKN-NH3	P	4.3427	mg/l	7/9/2025 12:29:13	
Q2487-09DUP	S	TKN-NH3	P	4.1622	mg/l	7/9/2025 12:29:14	
Q2487-09MS	S	TKN-NH3	P	8.8905	mg/l	7/9/2025 12:29:15	
Q2487-09MSD	S	TKN-NH3	P	8.662	mg/l	7/9/2025 12:29:16	
Q2487-10	S	TKN-NH3	P	46.341	mg/l	7/9/2025 12:29:19	
Q2487-11	S	TKN-NH3	P	3.2122	mg/l	7/9/2025 12:29:20	
Q2487-12	S	TKN-NH3	P	18.4967	mg/l	7/9/2025 12:29:21	
CCV2	S	TKN-NH3	P	4.8715	mg/l	7/9/2025 12:39:57	
CCB2	S	TKN-NH3	P	0.0896	mg/l	7/9/2025 12:39:58	
Q2487-13	S	TKN-NH3	P	4.3904	mg/l	7/9/2025 12:40:00	
Q2487-14	S	TKN-NH3	P	14.2724	mg/l	7/9/2025 12:40:01	
Q2487-15	S	TKN-NH3	P	7.8147	mg/l	7/9/2025 12:40:02	
Q2487-16	S	TKN-NH3	P	3.6441	mg/l	7/9/2025 12:40:03	
PB168699BL	S	TKN-NH3	P	0.0861	mg/l	7/9/2025 12:40:05	
PB168699BS	S	TKN-NH3	P	4.8355	mg/l	7/9/2025 12:50:37	
Q2470-01	S	TKN-NH3	P	0.3981	mg/l	7/9/2025 12:50:38	
Q2470-01DUP	S	TKN-NH3	P	0.4206	mg/l	7/9/2025 12:50:39	
Q2470-01MS	S	TKN-NH3	P	5.0676	mg/l	7/9/2025 12:50:40	
Q2470-01MSD	S	TKN-NH3	P	4.9528	mg/l	7/9/2025 12:50:41	
CCV3	S	TKN-NH3	P	4.8583	mg/l	7/9/2025 12:50:44	
CCB3	S	TKN-NH3	P	0.0787	mg/l	7/9/2025 12:50:47	
Q2471-01	S	TKN-NH3	P	1.5128	mg/l	7/9/2025 12:50:48	
CCV4	S	TKN-NH3	P	4.9483	mg/l	7/9/2025 12:57:17	
CCB4	S	TKN-NH3	P	0.088	mg/l	7/9/2025 12:57:20	
Q2487-10DLX10	S	TKN-NH3	P	2.886	mg/l	7/9/2025 13:32:03	
Q2487-12DLX5	S	TKN-NH3	P	3.9394	mg/l	7/9/2025 13:32:05	
Q2487-14DLX2	S	TKN-NH3	P	6.8944	mg/l	7/9/2025 13:32:06	
CCV5	S	TKN-NH3	P	4.9482	mg/l	7/9/2025 13:32:09	
CCB5	S	TKN-NH3	P	0.0808	mg/l	7/9/2025 13:32:11	

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Calibration results	Aquakem 7.2AQ1	Page: 1
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Alliance Technical Group
 284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

7/9/2025 11:38

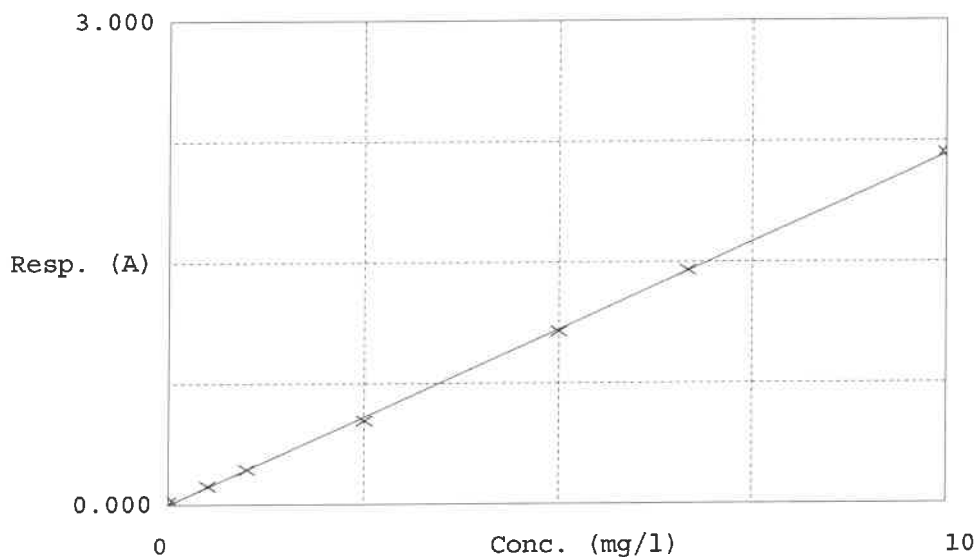
Test TKN-NH3

Accepted 7/9/2025 11:38

Factor 4.617
 Bias 0.002

Coeff. of det. 0.999683

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.021	0.0877	0.0000	4.8
2	TKN-10	0.115	0.5239	0.5000	-0.5
3	TKN-10	0.217	0.9953	1.0000	-4.3
4	TKN-10	0.520	2.3921	2.5000	-1.3
5	TKN-10	1.071	4.9369	5.0000	-0.2
6	TKN-10	1.450	6.6856	6.6667	0.5
7	TKN-10	2.177	10.0451	10.0000	

07/09/2025
 RM