

6135888

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

5/22/2025 16:09

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.820	0.0	1.033	
ICB1	0.063	0.0	0.020	
CCV1	4.730	0.0	1.014	
CCB1	0.054	0.0	0.019	
RL CHECK	0.482	0.0	0.109	
PB168112BL	0.051	0.0	0.018	
PB168112BS	4.802	0.0	1.029	
Q2088-01	2.038	0.0	0.441	
Q2093-14	0.570	0.0	0.128	
Q2093-14DUP	0.591	0.0	0.133	
Q2093-14MS	5.217	0.0	1.117	
Q2093-14MSD	5.450	0.0	1.167	
Q2102-03	2.772	0.0	0.597	
PB168096BL	0.063	0.0	0.021	
CCV2	4.801	0.0	1.028	
CCB2	0.060	0.0	0.020	
PB168096BS	4.796	0.0	1.027	
Q2085-01	3.435	0.0	0.738	
Q2085-01DUP	3.606	0.0	0.774	
Q2085-01MS	7.874	0.0	1.682	
Q2085-01MSD	8.305	0.0	1.774	
Q2085-02	3.815	0.0	0.819	
Q2085-03	2.225	0.0	0.480	
Q2085-07	4.127	0.0	0.885	
Q2085-08	2.454	0.0	0.529	
CCV3	4.728	0.0	1.013	
CCB3	0.061	0.0	0.020	

96% (50-150)

05/22/2025
RM

N	27
Mean	3.037
SD	2.4504
CV%	80.69

Aquakem v. 7.2AQ1

Results from time period:

Thu May 22 14:25:55 2025

Thu May 22 16:05:56 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	0.0741	mg/l	5/22/2025 14:25:55	
0.5PPM	A	TKN-NH3	P	0.4966	mg/l	5/22/2025 14:25:56	
1.0PPM	A	TKN-NH3	P	0.9907	mg/l	5/22/2025 14:25:57	
2.5PPM	A	TKN-NH3	P	2.3828	mg/l	5/22/2025 14:25:58	
5.0PPM	A	TKN-NH3	P	5.0032	mg/l	5/22/2025 14:25:59	
6.7PPM	A	TKN-NH3	P	6.738	mg/l	5/22/2025 14:26:00	
10.0PPM	A	TKN-NH3	P	9.9812	mg/l	5/22/2025 14:26:01	
ICV1	S	TKN-NH3	P	4.82	mg/l	5/22/2025 15:39:35	
ICB1	S	TKN-NH3	P	0.0628	mg/l	5/22/2025 15:39:37	
CCV1	S	TKN-NH3	P	4.7304	mg/l	5/22/2025 15:39:39	
CCB1	S	TKN-NH3	P	0.0539	mg/l	5/22/2025 15:39:42	
RL CHECK	S	TKN-NH3	P	0.4815	mg/l	5/22/2025 15:39:44	
PB168112BL	S	TKN-NH3	P	0.0511	mg/l	5/22/2025 15:39:46	
PB168112BS	S	TKN-NH3	P	4.8024	mg/l	5/22/2025 15:50:19	
Q2088-01	S	TKN-NH3	P	2.0382	mg/l	5/22/2025 15:50:21	
Q2093-14	S	TKN-NH3	P	0.5697	mg/l	5/22/2025 15:50:22	
Q2093-14DUP	S	TKN-NH3	P	0.5909	mg/l	5/22/2025 15:50:23	
Q2093-14MS	S	TKN-NH3	P	5.2171	mg/l	5/22/2025 15:50:24	
Q2093-14MSD	S	TKN-NH3	P	5.4505	mg/l	5/22/2025 15:50:25	
Q2102-03	S	TKN-NH3	P	2.772	mg/l	5/22/2025 15:50:26	
PB168096BL	S	TKN-NH3	P	0.0633	mg/l	5/22/2025 15:50:30	
CCV2	S	TKN-NH3	P	4.8008	mg/l	5/22/2025 16:01:01	
CCB2	S	TKN-NH3	P	0.0599	mg/l	5/22/2025 16:01:02	
PB168096BS	S	TKN-NH3	P	4.7958	mg/l	5/22/2025 16:01:03	
Q2085-01	S	TKN-NH3	P	3.4353	mg/l	5/22/2025 16:01:04	
Q2085-01DUP	S	TKN-NH3	P	3.6059	mg/l	5/22/2025 16:01:05	
Q2085-01MS	S	TKN-NH3	P	7.8738	mg/l	5/22/2025 16:01:06	
Q2085-01MSD	S	TKN-NH3	P	8.3055	mg/l	5/22/2025 16:01:07	
Q2085-02	S	TKN-NH3	P	3.8147	mg/l	5/22/2025 16:01:08	
Q2085-03	S	TKN-NH3	P	2.225	mg/l	5/22/2025 16:01:09	
Q2085-07	S	TKN-NH3	P	4.1269	mg/l	5/22/2025 16:01:10	
Q2085-08	S	TKN-NH3	P	2.4538	mg/l	5/22/2025 16:01:11	
CCV3	S	TKN-NH3	P	4.7281	mg/l	5/22/2025 16:01:12	
CCB3	S	TKN-NH3	P	0.0615	mg/l	5/22/2025 16:05:55	

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Reviewed by : RM Instrument ID : Konelab

5/22/2025 14:59

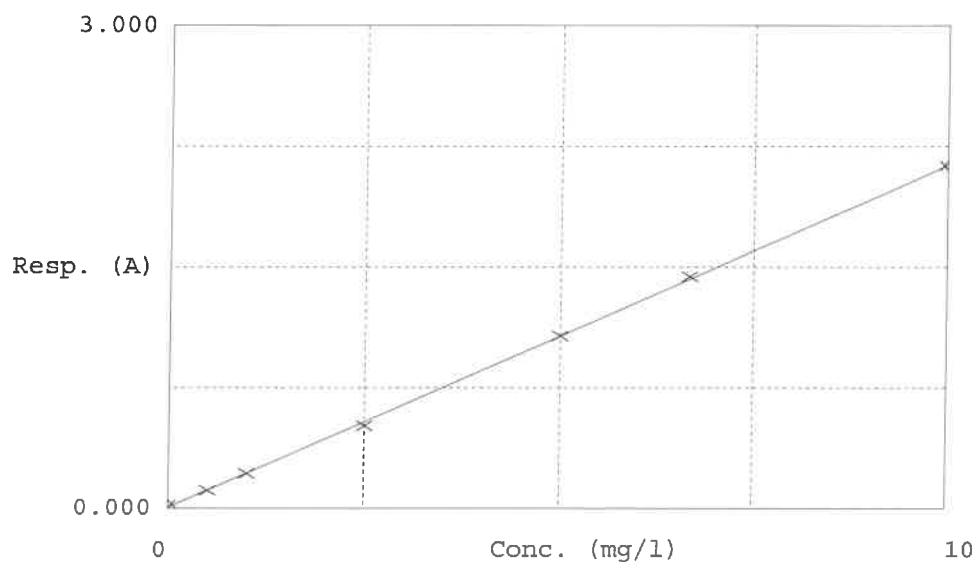
Test TKN-NH3

Accepted 5/22/2025 14:59

Factor 4.7
Bias 0.007

Coeff. of det. 0.999701

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.023	0.0741	0.0000	-0.7
2	TKN-10	0.113	0.4966	0.5000	-0.9
3	TKN-10	0.218	0.9907	1.0000	-4.7
4	TKN-10	0.514	2.3828	2.5000	0.1
5	TKN-10	1.072	5.0032	5.0000	0.6
6	TKN-10	1.441	6.7380	6.6667	-0.2
7	TKN-10	2.131	9.9812	10.0000	

05/22/2025
RM