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Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

1/23/2025 15:27

Reviewed by : 12 Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.748	0.0	0.657	
ICB1	-0.123	0.0	0.018	
CCV1	4.939	0.0	0.682	
CCB1	-0.122	0.0	0.019	
RL CHECK	0.335	0.0	0.078	
PB166177BL	-0.116	0.0	0.019	
PB166177BS	4.858	0.0	0.671	
Q1140-01	-0.129	0.0	0.018	
Q1140-01DUP	-0.120	0.0	0.019	
Q1140-01MS	4.590	0.0	0.636	
Q1140-01MSD	4.602	0.0	0.637	
CCV2	4.830	0.0	0.667	
CCB2	-0.071	0.0	0.025	

N 13
Mean 2.171
SD 2.5009
CV% 115.21

67% (50-150)

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1/23/25

Aquakem v. 7.2AQ1

Results from time period:

Thu Jan 23 14:27:44 2025

Thu Jan 23 15:12:33 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	-0.0832	mg/l	1/23/2025 14:27:44	
0.5PPM	A	TKN-NH3	P	0.394	mg/l	1/23/2025 14:27:45	
1.0PPM	A	TKN-NH3	P	1.0328	mg/l	1/23/2025 14:27:46	
2.5PPM	A	TKN-NH3	P	2.5798	mg/l	1/23/2025 14:27:47	
5.0PPM	A	TKN-NH3	P	5.1078	mg/l	1/23/2025 14:27:48	
6.7PPM	A	TKN-NH3	P	6.7886	mg/l	1/23/2025 14:27:49	
10.0PPM	A	TKN-NH3	P	9.8469	mg/l	1/23/2025 14:27:50	
ICV1	S	TKN-NH3	P	4.748	mg/l	1/23/2025 14:56:58	
ICB1	S	TKN-NH3	P	-0.1232	mg/l	1/23/2025 14:57:00	
CCV1	S	TKN-NH3	P	4.9393	mg/l	1/23/2025 14:57:03	
CCB1	S	TKN-NH3	P	-0.122	mg/l	1/23/2025 14:57:04	
RL CHECK	S	TKN-NH3	P	0.3348	mg/l	1/23/2025 14:57:07	
PB166177BL	S	TKN-NH3	P	-0.1163	mg/l	1/23/2025 14:57:09	
PB166177BS	S	TKN-NH3	P	4.858	mg/l	1/23/2025 15:07:38	
Q1140-01	S	TKN-NH3	P	-0.1294	mg/l	1/23/2025 15:07:40	
Q1140-01DUP	S	TKN-NH3	P	-0.1204	mg/l	1/23/2025 15:07:43	
Q1140-01MS	S	TKN-NH3	P	4.5901	mg/l	1/23/2025 15:07:44	
Q1140-01MSD	S	TKN-NH3	P	4.6023	mg/l	1/23/2025 15:07:46	
CCV2	S	TKN-NH3	P	4.8301	mg/l	1/23/2025 15:07:49	
CCB2	S	TKN-NH3	P	-0.0714	mg/l	1/23/2025 15:12:32	

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1/23/2025 14:29

Reviewed by : 12 Instrument ID : Konelab

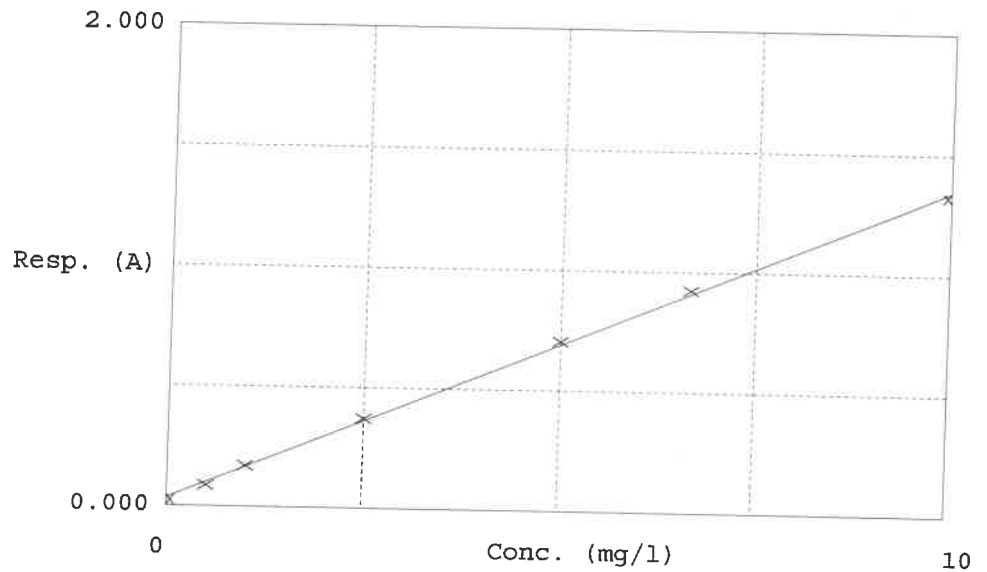
Test TKN-NH3

Accepted 1/23/2025 14:29

Factor 7.635
Bias 0.035

Coeff. of det. 0.999089

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.024	-0.0832	0.0000	
2	TKN-10	0.086	0.3940	0.5000	
3	TKN-10	0.170	1.0328	1.0000	
4	TKN-10	0.373	2.5798	2.5000	
5	TKN-10	0.704	5.1078	5.0000	
6	TKN-10	0.924	6.7886	6.6667	
7	TKN-10	1.324	9.8469	10.0000	

12
Errors

2.2
3.3
3.2
2.2
1.3
-1.5

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1/23/25