

LB1354

Test results

Aquakem 7.2AQ1

Page: 1

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

4/18/2025 14:17

Reviewed by : RM

Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.926	0.0	0.945	
ICB1	0.071	0.0	0.016	
CCV1	4.980	0.0	0.955	
CCB1	0.068	0.0	0.016	
RL CHECK	0.478	0.0	0.094	
PB167617BL	0.068	0.0	0.016	
PB167617BS	4.793	0.0	0.919	
Q1782-01	0.422	0.0	0.083	
Q1782-01DUP	0.404	0.0	0.080	
Q1782-01MS	5.433	0.0	1.041	
Q1782-01MSD	5.333	0.0	1.022	
Q1782-03	4.085	0.0	0.784	
Q1782-05	0.714	0.0	0.139	
Q1782-07	0.995	0.0	0.193	
CCV2	4.818	0.0	0.924	
CCB2	0.081	0.0	0.018	
Q1810-02	0.346	0.0	0.069	
CCV3	5.192	0.0	0.995	
CCB3	0.076	0.0	0.017	

95% (50-150)

04/18/2025
RM

N 19
Mean 2.278
SD 2.3625
CV% 103.71

Aquakem v. 7.2AQ1

Results from time period:

Fri Apr 18 12:28:39 2025

Fri Apr 18 13:45:47 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	0.092	mg/l	4/18/2025 12:28:39	
0.5PPM	A	TKN-NH3	P	0.5065	mg/l	4/18/2025 12:28:40	
1.0PPM	A	TKN-NH3	P	0.9648	mg/l	4/18/2025 12:28:41	
2.5PPM	A	TKN-NH3	P	2.5013	mg/l	4/18/2025 12:28:42	
5.0PPM	A	TKN-NH3	P	4.8237	mg/l	4/18/2025 12:28:43	
6.7PPM	A	TKN-NH3	P	6.7286	mg/l	4/18/2025 12:28:44	
10.0PPM	A	TKN-NH3	P	10.0497	mg/l	4/18/2025 12:28:45	
ICV1	S	TKN-NH3	P	4.9263	mg/l	4/18/2025 13:21:05	
ICB1	S	TKN-NH3	P	0.0706	mg/l	4/18/2025 13:21:07	
CCV1	S	TKN-NH3	P	4.9801	mg/l	4/18/2025 13:21:10	
CCB1	S	TKN-NH3	P	0.0681	mg/l	4/18/2025 13:21:12	
RL CHECK	S	TKN-NH3	P	0.4779	mg/l	4/18/2025 13:21:13	
PB167617BL	S	TKN-NH3	P	0.068	mg/l	4/18/2025 13:21:15	
PB167617BS	S	TKN-NH3	P	4.7933	mg/l	4/18/2025 13:31:51	
Q1782-01	S	TKN-NH3	P	0.422	mg/l	4/18/2025 13:31:53	
Q1782-01DUP	S	TKN-NH3	P	0.4036	mg/l	4/18/2025 13:31:54	
Q1782-01MS	S	TKN-NH3	P	5.433	mg/l	4/18/2025 13:31:56	
Q1782-01MSD	S	TKN-NH3	P	5.3325	mg/l	4/18/2025 13:31:57	
Q1782-03	S	TKN-NH3	P	4.085	mg/l	4/18/2025 13:32:00	
Q1782-05	S	TKN-NH3	P	0.7144	mg/l	4/18/2025 13:32:01	
Q1782-07	S	TKN-NH3	P	0.9955	mg/l	4/18/2025 13:42:31	
CCV2	S	TKN-NH3	P	4.8176	mg/l	4/18/2025 13:42:32	
CCB2	S	TKN-NH3	P	0.0808	mg/l	4/18/2025 13:42:35	
Q1810-02	S	TKN-NH3	P	0.3458	mg/l	4/18/2025 13:42:38	
CCV3	S	TKN-NH3	P	5.1917	mg/l	4/18/2025 13:42:40	
CCB3	S	TKN-NH3	P	0.0757	mg/l	4/18/2025 13:45:47	

Calibration results

Aquakem 7.2AQ1

Page: 1

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

4/18/2025 12:48

Reviewed by : RM

Instrument ID : Konelab

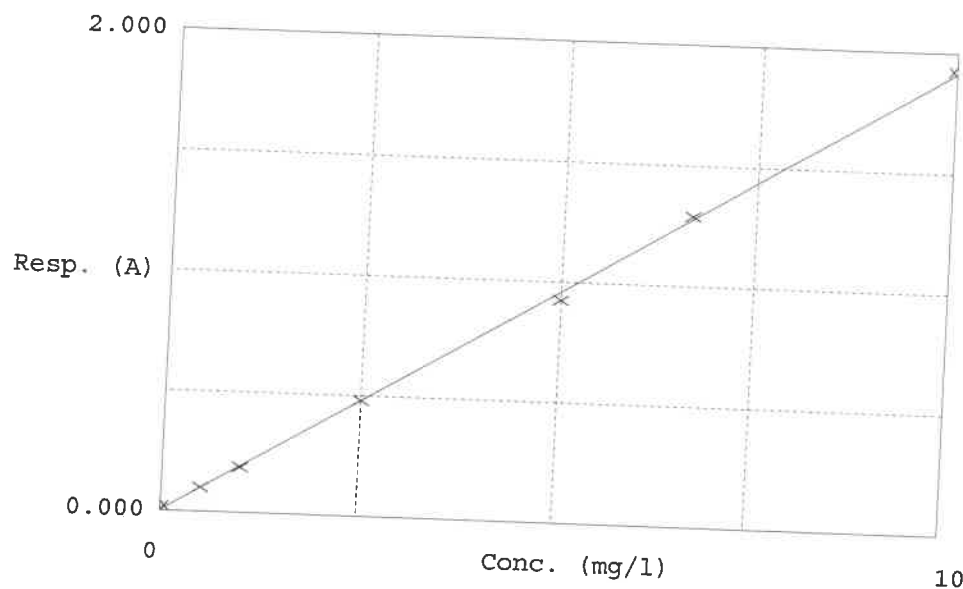
Test TKN-NH3

Accepted 4/18/2025 12:47

Factor 5.23
Bias 0.003

Coeff. of det. 0.999431

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.020	0.0920	0.0000	—
2	TKN-10	0.100	0.5065	0.5000	1.3
3	TKN-10	0.187	0.9648	1.0000	-3.5
4	TKN-10	0.481	2.5013	2.5000	0.1
5	TKN-10	0.925	4.8237	5.0000	-3.5
6	TKN-10	1.289	6.7286	6.6667	0.4
7	TKN-10	1.924	10.0497	10.0000	0.5

04/18/2025
RM