

LB 135562

Test results

Aquakem 7.2AQ1

Page:

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

Reviewed by : RM Instrument ID : Konelab

4/25/2025 15:25

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.686	0.0	0.934	
ICB1	0.135	0.0	0.017	
CCV1	4.766	0.0	0.950	
CCB1	0.130	0.0	0.016	
RL CHECK	0.564	0.0	0.103	
PB167734BL	0.129	0.0	0.016	
PB167734BS	4.761	0.0	0.949	
Q1879-01	1.396	0.0	0.271	
Q1879-03	0.154	0.0	0.021	
Q1879-02	1.922	0.0	0.377	
Q1879-04	6.730	0.0	1.346	
CCV2	5.063	0.0	1.010	
CCB2	0.152	0.0	0.020	

112% (50-150)
04/25/2025
RM

N 13
Mean 2.353
SD 2.4555
CV% 104.36

Aquakem v. 7.2AQ1

Results from time period:

Fri Apr 25 13:23:22 2025

Fri Apr 25 15:12:10 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	0.155	mg/l	4/25/2025 13:23:22	
0.5PPM	A	TKN-NH3	P	0.5574	mg/l	4/25/2025 13:23:23	
1.0PPM	A	TKN-NH3	P	0.9833	mg/l	4/25/2025 13:23:24	
2.5PPM	A	TKN-NH3	P	2.364	mg/l	4/25/2025 13:23:25	
5.0PPM	A	TKN-NH3	P	4.7904	mg/l	4/25/2025 13:23:26	
6.7PPM	A	TKN-NH3	P	6.7036	mg/l	4/25/2025 13:23:27	
10.0PPM	A	TKN-NH3	P	10.113	mg/l	4/25/2025 13:23:28	
ICV1	S	TKN-NH3	P	4.6864	mg/l	4/25/2025 13:56:34	
ICB1	S	TKN-NH3	P	0.1347	mg/l	4/25/2025 13:56:36	
CCV1	S	TKN-NH3	P	4.7659	mg/l	4/25/2025 13:56:38	
CCB1	S	TKN-NH3	P	0.1298	mg/l	4/25/2025 13:56:41	
RL CHECK	S	TKN-NH3	P	0.5644	mg/l	4/25/2025 13:56:43	
PB167734BL	S	TKN-NH3	P	0.1293	mg/l	4/25/2025 13:56:44	
PB167734BS	S	TKN-NH3	P	4.7608	mg/l	4/25/2025 14:07:16	
Q1879-01	S	TKN-NH3	P	1.3959	mg/l	4/25/2025 14:07:17	
Q1879-03	S	TKN-NH3	P	0.1541	mg/l	4/25/2025 14:07:20	
Q1879-02	S	TKN-NH3	P	1.9216	mg/l	4/25/2025 15:12:07	
Q1879-04	S	TKN-NH3	P	6.7303	mg/l	4/25/2025 15:12:08	
CCV2	S	TKN-NH3	P	5.0629	mg/l	4/25/2025 15:12:09	
CCB2	S	TKN-NH3	P	0.1525	mg/l	4/25/2025 15:12:10	

Calibration results

Aquakem 7.2AQ1

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4/25/2025 13:26

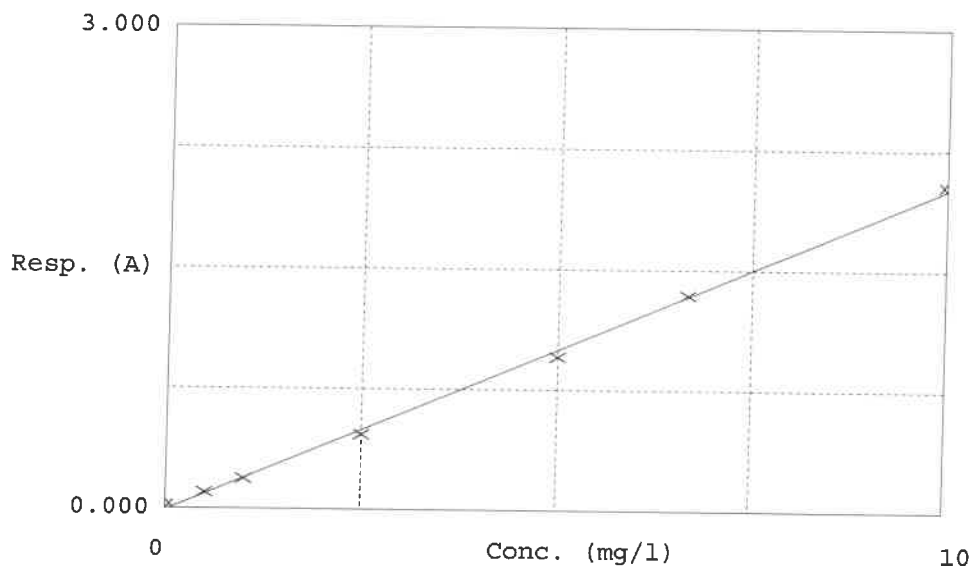
Test TKN-NH3

Accepted 4/25/2025 13:26

Factor 4.962
Bias -0.010

Coeff. of det. 0.998744

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.021	0.1550	0.0000	0
2	TKN-10	0.102	0.5574	0.5000	11.5
3	TKN-10	0.188	0.9833	1.0000	-1.7
4	TKN-10	0.466	2.3640	2.5000	-5.4
5	TKN-10	0.955	4.7904	5.0000	-4.2
6	TKN-10	1.341	6.7036	6.6667	0.1
7	TKN-10	2.028	10.1130	10.0000	1.1

04/25/2025
RM