

LB135671

Test results

Aquakem 7.2AQ1

Page:

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

Reviewed by : RM Instrument ID : Konelab

5/5/2025 15:50

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.795	0.0	0.949	
ICB1	0.130	0.0	0.022	
CCV1	4.912	0.0	0.973	
CCB1	0.123	0.0	0.021	
RL CHECK	0.536	0.0	0.103	
PB167849BL	0.129	0.0	0.022	
PB167849BS	4.977	0.0	0.985	
Q1944-02	0.114	0.0	0.019	
Q1944-02DUP	0.112	0.0	0.019	
Q1944-02MS	4.495	0.0	0.890	
Q1944-02MSD	4.709	0.0	0.932	
Q1944-03	12.464	0.0	2.473	Test limit high
PB167856BL	0.128	0.0	0.022	
OB167856BS	4.908	0.0	0.972	
CCV2	4.985	0.0	0.987	
CCB2	0.207	0.0	0.037	
Q1944-01	50.530	0.0	10.038	Abs. high, Init abs., Tes
CCV3	5.017	0.0	0.993	
CCB3	0.130	0.0	0.022	
Q1944-03DLX2	6.161	0.0	1.221	
Q1944-01DLX10	4.387	0.0	0.868	
CCV4	4.814	0.0	0.953	
CCB4	0.118	0.0	0.020	

107% (50-150)

05/05/2025
RM

N 23
Mean 5.169
SD 10.3647
CV% 200.53

Aquakem v. 7.2AQ1

Results from time period:

Mon May 05 13:22:20 2025

Mon May 05 15:46:23 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	0.1276	mg/l	5/5/2025 13:22:20	
0.5PPM	A	TKN-NH3	P	0.5367	mg/l	5/5/2025 13:22:21	
1.0PPM	A	TKN-NH3	P	0.9831	mg/l	5/5/2025 13:22:22	
2.5PPM	A	TKN-NH3	P	2.5187	mg/l	5/5/2025 13:22:23	
5.0PPM	A	TKN-NH3	P	4.7952	mg/l	5/5/2025 13:22:24	
6.7PPM	A	TKN-NH3	P	6.4901	mg/l	5/5/2025 13:22:25	
10.0PPM	A	TKN-NH3	P	10.2153	mg/l	5/5/2025 13:22:26	
ICV1	S	TKN-NH3	P	4.7948	mg/l	5/5/2025 14:51:03	
ICB1	S	TKN-NH3	P	0.1297	mg/l	5/5/2025 14:51:05	
CCV1	S	TKN-NH3	P	4.9124	mg/l	5/5/2025 14:51:07	
CCB1	S	TKN-NH3	P	0.1233	mg/l	5/5/2025 14:51:10	
RL CHECK	S	TKN-NH3	P	0.5356	mg/l	5/5/2025 14:51:13	
PB167849BL	S	TKN-NH3	P	0.1291	mg/l	5/5/2025 15:01:47	
PB167849BS	S	TKN-NH3	P	4.9773	mg/l	5/5/2025 15:01:49	
Q1944-02	S	TKN-NH3	P	0.1139	mg/l	5/5/2025 15:01:52	
Q1944-02DUP	S	TKN-NH3	P	0.1118	mg/l	5/5/2025 15:01:54	
Q1944-02MS	S	TKN-NH3	P	4.4948	mg/l	5/5/2025 15:01:57	
Q1944-02MSD	S	TKN-NH3	P	4.7089	mg/l	5/5/2025 15:01:58	
Q1944-03	S	TKN-NH3	P	12.4637	mg/l	5/5/2025 15:12:29	
PB167856BL	S	TKN-NH3	P	0.1279	mg/l	5/5/2025 15:12:32	
OB167856BS	S	TKN-NH3	P	4.9079	mg/l	5/5/2025 15:12:34	
CCV2	S	TKN-NH3	P	4.9848	mg/l	5/5/2025 15:12:37	
CCB2	S	TKN-NH3	P	0.2068	mg/l	5/5/2025 15:12:39	
Q1944-01	S	TKN-NH3	P	50.5302	mg/l	5/5/2025 15:12:40	
CCV3	S	TKN-NH3	P	5.0166	mg/l	5/5/2025 15:19:44	
CCB3	S	TKN-NH3	P	0.13	mg/l	5/5/2025 15:19:48	
Q1944-03DLX2	S	TKN-NH3	P	6.1607	mg/l	5/5/2025 15:46:12	
Q1944-01DLX10	S	TKN-NH3	P	4.3874	mg/l	5/5/2025 15:46:14	
CCV4	S	TKN-NH3	P	4.8143	mg/l	5/5/2025 15:46:21	
CCB4	S	TKN-NH3	P	0.1183	mg/l	5/5/2025 15:46:23	

Calibration results

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Reviewed by : RH Instrument ID : Konelab

5/5/2025 13:46

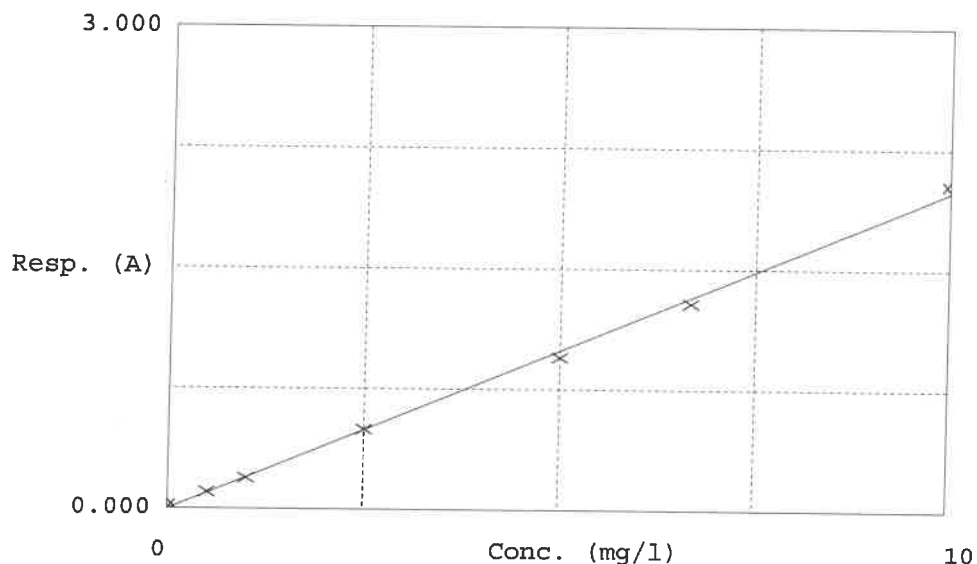
Test TKN-NH3

Accepted 5/5/2025 13:46

Factor 5.032
Bias -0.004

Coeff. of det. 0.998340

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.022	0.1276	0.0000	-
2	TKN-10	0.103	0.5367	0.5000	-7.3
3	TKN-10	0.192	0.9831	1.0000	-1.7
4	TKN-10	0.497	2.5187	2.5000	0.7
5	TKN-10	0.949	4.7952	5.0000	-4.1
6	TKN-10	1.286	6.4901	6.6667	-3.1
7	TKN-10	2.026	10.2153	10.0000	2.2

05/05/2025
RH