

LB13578

Test results

Aquakem 7.2AQ1

Page:

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

5/15/2025 12:31

Reviewed by : RM

Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.778	0.0	1.024	
ICB1	0.113	0.0	0.035	
CCV1	4.830	0.0	1.035	
CCB1	0.103	0.0	0.033	
RL CHECK	0.503	0.0	0.118	
PB167946BL	0.098	0.0	0.032	
PB167946BS	4.826	0.0	1.034	
Q2005-01	47.281	0.0	10.037	
Q2005-01DUP	47.278	0.0	10.036	Abs. high, Init abs., Tes
Q2005-01MS	47.282	0.0	10.037	Abs. high, Init abs., Tes
Q2005-01MSD	47.281	0.0	10.037	Abs. high, Init abs., Tes
PB167947BL	0.206	0.0	0.055	
PB167947BS	4.791	0.0	1.027	
Q1872-07	47.282	0.0	10.037	
CCV2	4.790	0.0	1.027	Abs. high, Init abs., Tes
CCB2	0.133	0.0	0.039	
Q1872-07DLX10	5.448	0.0	1.166	
Q2005-01DLX10	7.489	0.0	1.599	
Q2005-01DUPDLX10	7.892	0.0	1.685	
CCV3	5.044	0.0	1.081	
CCB3	0.094	0.0	0.031	
N	21			
Mean	13.692			
SD	19.4028			
CV%	141.70			

100% (50-150)

05/15/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Thu May 15 10:19:43 2025

Thu May 15 12:19:57 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	0.1037	mg/l	5/15/2025 10:19:43	
0.5PPM	A	TKN-NH3	P	0.5316	mg/l	5/15/2025 10:19:44	
1.0PPM	A	TKN-NH3	P	1.0067	mg/l	5/15/2025 10:19:45	
2.5PPM	A	TKN-NH3	P	2.361	mg/l	5/15/2025 10:19:46	
5.0PPM	A	TKN-NH3	P	4.9293	mg/l	5/15/2025 10:19:47	
6.7PPM	A	TKN-NH3	P	6.6663	mg/l	5/15/2025 10:19:48	
10.0PPM	A	TKN-NH3	P	10.0681	mg/l	5/15/2025 10:19:49	
ICV1	S	TKN-NH3	P	4.7784	mg/l	5/15/2025 11:07:15	
ICB1	S	TKN-NH3	P	0.1131	mg/l	5/15/2025 11:07:17	
CCV1	S	TKN-NH3	P	4.8298	mg/l	5/15/2025 11:07:19	
CCB1	S	TKN-NH3	P	0.1032	mg/l	5/15/2025 11:07:21	
RL CHECK	S	TKN-NH3	P	0.5027	mg/l	5/15/2025 11:07:23	
PB167946BL	S	TKN-NH3	P	0.0978	mg/l	5/15/2025 11:07:26	
PB167946BS	S	TKN-NH3	P	4.8259	mg/l	5/15/2025 11:17:57	
Q2005-01	S	TKN-NH3	P	47.2813	mg/l	5/15/2025 11:17:59	
Q2005-01DUP	S	TKN-NH3	P	47.2778	mg/l	5/15/2025 11:18:00	
Q2005-01MS	S	TKN-NH3	P	47.2822	mg/l	5/15/2025 11:18:01	
Q2005-01MSD	S	TKN-NH3	P	47.281	mg/l	5/15/2025 11:18:02	
PB167947BL	S	TKN-NH3	P	0.2059	mg/l	5/15/2025 11:18:05	
PB167947BS	S	TKN-NH3	P	4.7913	mg/l	5/15/2025 11:18:07	
Q1872-07	S	TKN-NH3	P	47.2815	mg/l	5/15/2025 11:18:08	
CCV2	S	TKN-NH3	P	4.7904	mg/l	5/15/2025 11:26:25	
CCB2	S	TKN-NH3	P	0.1327	mg/l	5/15/2025 11:26:26	
Q1872-07DLX10	S	TKN-NH3	P	5.4479	mg/l	5/15/2025 12:13:53	
Q2005-01DLX10	S	TKN-NH3	P	7.489	mg/l	5/15/2025 12:14:00	
Q2005-01DUPDLX10	S	TKN-NH3	P	7.892	mg/l	5/15/2025 12:19:54	
CCV3	S	TKN-NH3	P	5.0436	mg/l	5/15/2025 12:19:55	
CCB3	S	TKN-NH3	P	0.0944	mg/l	5/15/2025 12:19:57	

Calibration results

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5/15/2025 10:28

Reviewed by : RM

Instrument ID : Konelab

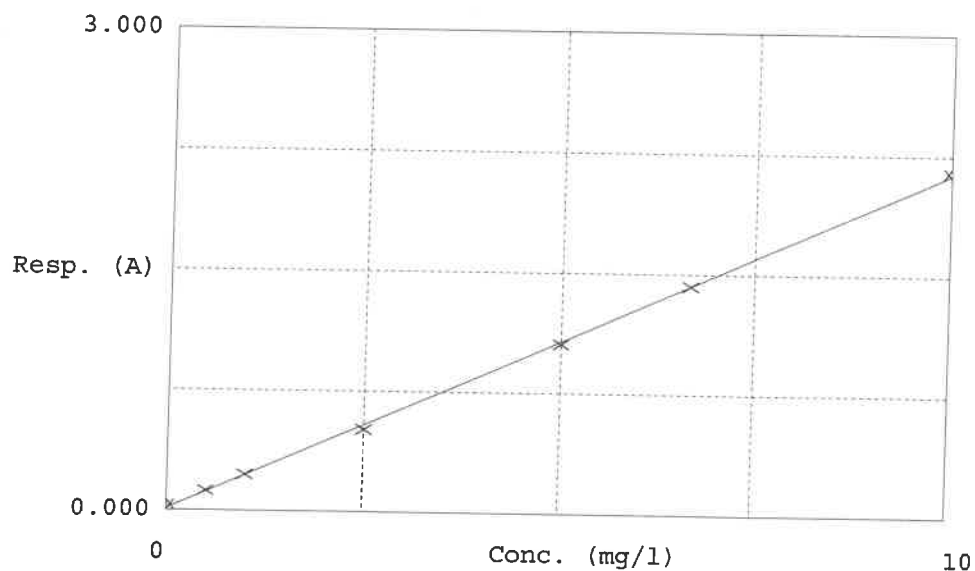
Test TKN-NH3

Accepted 5/15/2025 10:28

Factor 4.716
Bias 0.011

Coeff. of det. 0.999508

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.033	0.1037	0.0000	-
2	TKN-10	0.124	0.5316	0.5000	6.3
3	TKN-10	0.225	1.0067	1.0000	0.7
4	TKN-10	0.512	2.3610	2.5000	-5.6
5	TKN-10	1.056	4.9293	5.0000	-1.4
6	TKN-10	1.425	6.6663	6.6667	-0.5
7	TKN-10	2.146	10.0681	10.0000	0.7

05/15/2025
RM