

LB135665

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 12:41

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.955	0.0	0.191	
ICB1	0.034	0.0	0.019	
CCV1	0.964	0.0	0.193	
CCB1	0.036	0.0	0.020	
RL CHECK	0.115	0.0	0.035	
PB167844BL	0.038	0.0	0.020	
PB167844BS	0.958	0.0	0.192	
Q1930-01	2.253	0.0	0.433	
Q1930-01DUP	2.222	0.0	0.427	Test limit high
Q1930-01MS	2.949	0.0	0.563	Test limit high
Q1930-01MSD	3.159	0.0	0.602	Test limit high
Q1934-01	0.324	0.0	0.073	
Q1934-02	0.508	0.0	0.108	
Q1941-01	10.381	0.0	1.948	Test limit high
CCV2	0.978	0.0	0.195	
CCB2	0.039	0.0	0.020	
Q1944-02	0.040	0.0	0.021	
Q1944-03	0.200	0.0	0.050	
Q1949-01	0.279	0.0	0.065	
Q1949-04	1.913	0.0	0.370	
CCV3	0.987	0.0	0.197	
CCB3	0.043	0.0	0.021	
Q1930-01DLX2	1.198	0.0	0.236	
Q1930-01DUPDLX2	1.239	0.0	0.244	
Q1941-01DLX10	0.934	0.0	0.187	
CCV4	0.975	0.0	0.195	
CCB4	0.023	0.0	0.017	
N	27			
Mean	1.250			
SD	2.0374			
CV%	163.02			

115% (50-150) 05/05/2025
RM

Aquakem v. 7.2AQ1

Results from time period:

Mon May 05 10:36:33 2025

Mon May 05 12:36:25 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0223	mg/l	5/5/2025 10:36:33	
0.1PPM	A	Ammonia-† P		0.1077	mg/l	5/5/2025 10:36:34	
0.2PPM	A	Ammonia-† P		0.1975	mg/l	5/5/2025 10:36:35	
0.4PPM	A	Ammonia-† P		0.3948	mg/l	5/5/2025 10:36:36	
1.0PPM	A	Ammonia-† P		0.991	mg/l	5/5/2025 10:36:37	
1.3PPM	A	Ammonia-† P		1.2771	mg/l	5/5/2025 10:36:38	
2.0PPM	A	Ammonia-† P		2.0429	mg/l	5/5/2025 10:36:39	
ICV1	S	Ammonia-† P		0.9546	mg/l	5/5/2025 11:44:51	
ICB1	S	Ammonia-† P		0.0339	mg/l	5/5/2025 11:44:54	
CCV1	S	Ammonia-† P		0.9638	mg/l	5/5/2025 11:44:56	
CCB1	S	Ammonia-† P		0.036	mg/l	5/5/2025 11:44:58	
RL CHECK	S	Ammonia-† P		0.1153	mg/l	5/5/2025 11:45:02	
PB167844BL	S	Ammonia-† P		0.0384	mg/l	5/5/2025 11:55:35	
PB167844BS	S	Ammonia-† P		0.9582	mg/l	5/5/2025 11:55:37	
Q1930-01	S	Ammonia-† P		2.2526	mg/l	5/5/2025 11:55:40	
Q1930-01DUP	S	Ammonia-† P		2.2222	mg/l	5/5/2025 11:55:42	
Q1930-01MS	S	Ammonia-† P		2.9495	mg/l	5/5/2025 11:55:43	
Q1930-01MSD	S	Ammonia-† P		3.1591	mg/l	5/5/2025 11:55:44	
Q1934-01	S	Ammonia-† P		0.3236	mg/l	5/5/2025 12:06:17	
Q1934-02	S	Ammonia-† P		0.5084	mg/l	5/5/2025 12:06:18	
Q1941-01	S	Ammonia-† P		10.381	mg/l	5/5/2025 12:06:19	
CCV2	S	Ammonia-† P		0.9783	mg/l	5/5/2025 12:06:20	
CCB2	S	Ammonia-† P		0.0385	mg/l	5/5/2025 12:06:23	
Q1944-02	S	Ammonia-† P		0.0404	mg/l	5/5/2025 12:06:24	
Q1944-03	S	Ammonia-† P		0.2005	mg/l	5/5/2025 12:06:25	
Q1949-01	S	Ammonia-† P		0.279	mg/l	5/5/2025 12:06:26	
Q1949-04	S	Ammonia-† P		1.9134	mg/l	5/5/2025 12:06:27	
CCV3	S	Ammonia-† P		0.9867	mg/l	5/5/2025 12:06:28	
CCB3	S	Ammonia-† P		0.0429	mg/l	5/5/2025 12:11:48	
Q1930-01DLX2	S	Ammonia-† P		1.1978	mg/l	5/5/2025 12:36:17	
Q1930-01DUPDLX2	S	Ammonia-† P		1.2395	mg/l	5/5/2025 12:36:18	
Q1941-01DLX10	S	Ammonia-† P		0.934	mg/l	5/5/2025 12:36:20	
CCV4	S	Ammonia-† P		0.9752	mg/l	5/5/2025 12:36:22	
CCB4	S	Ammonia-† P		0.0227	mg/l	5/5/2025 12:36:25	

Calibration results

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Reviewed by : RM Instrument ID : Konelab

5/5/2025 10:48

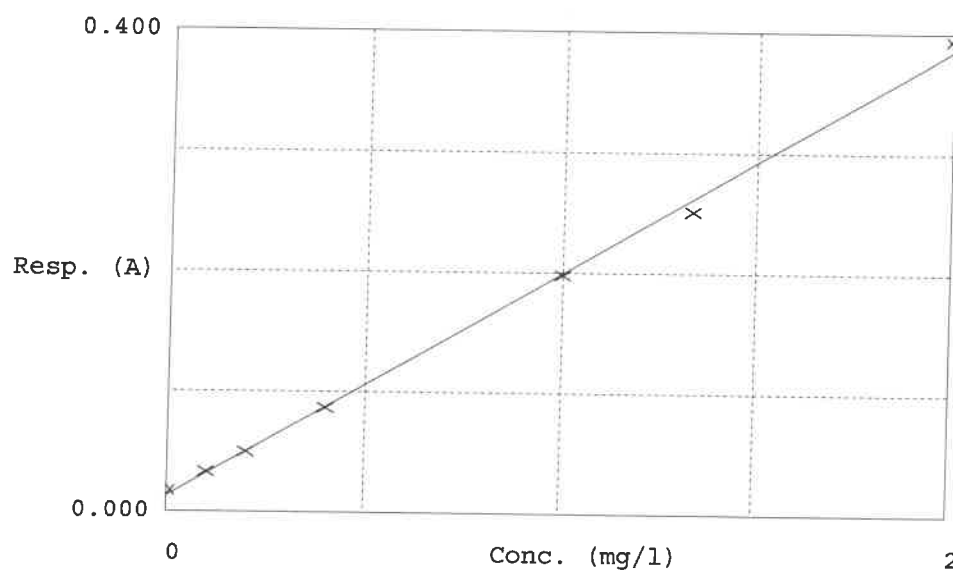
Test Ammonia-N

Accepted 5/5/2025 10:48

Factor 5.366
Bias 0.013

Coeff. of det. 0.998321

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.017	0.0223	0.0000	-
2	NH3-2PPM	0.033	0.1077	0.1000	7.7
3	NH3-2PPM	0.050	0.1975	0.2000	-1.3
4	NH3-2PPM	0.087	0.3948	0.4000	-1.3
5	NH3-2PPM	0.198	0.9910	1.0000	-0.9
6	NH3-2PPM	0.251	1.2771	1.3333	-1.8
7	NH3-2PPM	0.394	2.0429	2.0000	2.1

05/05/2025
RM