

Test results

Aquakem 7.2AQ1

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

2/7/2025 13:56

Reviewed by: RM

Instrument ID: Konelab

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.007	0.0	0.149	
ICB1	0.011	0.0	0.015	
CCV1	0.986	0.0	0.146	
CCB1	0.024	0.0	0.016	
RL CHECK	0.103	0.0	0.027	
PB166612BL	0.014	0.0	0.015	
PB166612BS	1.022	0.0	0.151	
Q1316-01	7.394	0.0	1.008	
Q1316-02	7.985	0.0	1.088	Test limit high
Q1322-04	1.271	0.0	0.184	Test limit high
Q1324-01	2.126	0.0	0.299	Test limit high
Q1325-01	6.907	0.0	0.943	Test limit high
Q1325-01DUP	6.903	0.0	0.942	Test limit high
CCV2	1.007	0.0	0.149	
CCB2	0.044	0.0	0.019	
Q1325-01MS	7.695	0.0	1.049	Test limit high
Q1325-01MSD	8.197	0.0	1.116	Test limit high
Q1325-03	0.243	0.0	0.046	
Q1325-05	7.028	0.0	0.959	Test limit high
PB166614BL	0.040	0.0	0.019	
PB166614BS	0.998	0.0	0.147	
CCV3	1.052	0.0	0.155	
CCB3	0.026	0.0	0.017	
Q1168-09	0.088	0.0	0.025	
Q1168-03	0.087	0.0	0.025	
Q1316-01DLX10	0.711	0.0	0.109	
Q1316-02DLX10	0.760	0.0	0.115	
Q1324-01DLX2	1.178	0.0	0.172	
Q1325-01DLX10	0.668	0.0	0.103	
Q1325-05DLX10	0.703	0.0	0.108	
CCV4	0.967	0.0	0.143	
CCB4	0.012	0.0	0.015	

103% (50-150)
02/07/2025
RM

N 32
Mean 2.102
SD 2.9235
CV% 139.09

Aquakem v. 7.2AQ1

Results from time period:

Fri Feb 07 11:18:10 2025

Fri Feb 07 13:35:03 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-1 P		0.0217	mg/l	2/7/2025 11:18:10	
0.1PPM	A	Ammonia-1 P		0.1109	mg/l	2/7/2025 11:18:11	
0.2PPM	A	Ammonia-1 P		0.1992	mg/l	2/7/2025 11:18:12	
0.4PPM	A	Ammonia-1 P		0.3919	mg/l	2/7/2025 11:18:13	
1.0PPM	A	Ammonia-1 P		0.9525	mg/l	2/7/2025 11:18:14	
1.3PPM	A	Ammonia-1 P		1.3301	mg/l	2/7/2025 11:18:15	
2.0PPM	A	Ammonia-1 P		2.027	mg/l	2/7/2025 11:18:16	
ICV1	S	Ammonia-1 P		1.0072	mg/l	2/7/2025 12:22:38	
ICB1	S	Ammonia-1 P		0.0113	mg/l	2/7/2025 12:22:40	
CCV1	S	Ammonia-1 P		0.9864	mg/l	2/7/2025 12:22:42	
CCB1	S	Ammonia-1 P		0.0237	mg/l	2/7/2025 12:22:43	
RL CHECK	S	Ammonia-1 P		0.1026	mg/l	2/7/2025 12:22:46	
PB166612BL	S	Ammonia-1 P		0.0142	mg/l	2/7/2025 12:22:47	
PB166612BS	S	Ammonia-1 P		1.0224	mg/l	2/7/2025 12:33:21	
Q1316-01	S	Ammonia-1 P		7.3941	mg/l	2/7/2025 12:33:26	
Q1316-02	S	Ammonia-1 P		7.9848	mg/l	2/7/2025 12:33:27	
Q1322-04	S	Ammonia-1 P		1.2715	mg/l	2/7/2025 12:33:28	
Q1324-01	S	Ammonia-1 P		2.1259	mg/l	2/7/2025 12:33:29	
Q1325-01	S	Ammonia-1 P		6.9074	mg/l	2/7/2025 12:33:30	
Q1325-01DUP	S	Ammonia-1 P		6.9033	mg/l	2/7/2025 12:33:32	
CCV2	S	Ammonia-1 P		1.0068	mg/l	2/7/2025 12:44:05	
CCB2	S	Ammonia-1 P		0.0437	mg/l	2/7/2025 12:44:07	
Q1325-01MS	S	Ammonia-1 P		7.6953	mg/l	2/7/2025 12:44:08	
Q1325-01MSD	S	Ammonia-1 P		8.1966	mg/l	2/7/2025 12:44:09	
Q1325-03	S	Ammonia-1 P		0.2432	mg/l	2/7/2025 12:44:10	
Q1325-05	S	Ammonia-1 P		7.0284	mg/l	2/7/2025 12:44:11	
PB166614BL	S	Ammonia-1 P		0.0402	mg/l	2/7/2025 12:44:12	
PB166614BS	S	Ammonia-1 P		0.9982	mg/l	2/7/2025 12:44:14	
CCV3	S	Ammonia-1 P		1.0523	mg/l	2/7/2025 12:52:32	
CCB3	S	Ammonia-1 P		0.026	mg/l	2/7/2025 12:52:34	
Q1168-09	S	Ammonia-1 P		0.0877	mg/l	2/7/2025 13:25:56	
Q1168-03	S	Ammonia-1 P		0.0872	mg/l	2/7/2025 13:25:58	
Q1316-01DLX10	S	Ammonia-1 P		0.7106	mg/l	2/7/2025 13:34:55	
Q1316-02DLX10	S	Ammonia-1 P		0.7603	mg/l	2/7/2025 13:34:56	
Q1324-01DLX2	S	Ammonia-1 P		1.1777	mg/l	2/7/2025 13:34:59	
Q1325-01DLX10	S	Ammonia-1 P		0.6678	mg/l	2/7/2025 13:35:00	
Q1325-05DLX10	S	Ammonia-1 P		0.7028	mg/l	2/7/2025 13:35:01	
CCV4	S	Ammonia-1 P		0.9672	mg/l	2/7/2025 13:35:02	
CCB4	S	Ammonia-1 P		0.0124	mg/l	2/7/2025 13:35:03	

Calibration results

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

2/7/2025 11:35

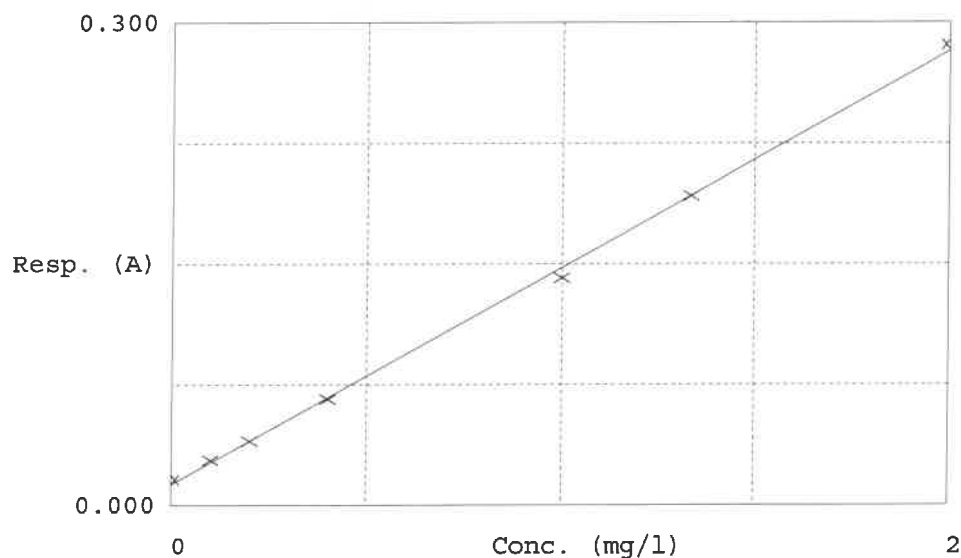
Test Ammonia-N

Accepted 2/7/2025 11:23

Factor 7.431
Bias 0.013

Coeff. of det. 0.998918

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.016	0.0217	0.0000	10.9
2	NH3-2PPM	0.028	0.1109	0.1000	-0.4
3	NH3-2PPM	0.040	0.1992	0.2000	-2.0
4	NH3-2PPM	0.066	0.3919	0.4000	-4.8
5	NH3-2PPM	0.141	0.9525	1.0000	2.3
6	NH3-2PPM	0.192	1.3301	1.3333	1.4
7	NH3-2PPM	0.286	2.0270	2.0000	

02/07/2025
RM