

LB134721

Test results

Aquakem 7.2AQ1

Page:

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

2/14/2025 14:24

Reviewed by : RN

Instrument ID : Konelab

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.025	0.0	0.150	
ICB1	-0.018	0.0	0.020	
CCV1	0.932	0.0	0.138	
CCB1	-0.029	0.0	0.018	
RL CHECK	0.069	0.0	0.030	
PB166730BL	-0.031	0.0	0.018	
PB166730BS	0.964	0.0	0.142	
Q1365-01	0.089	0.0	0.033	
Q1365-01DUP	0.093	0.0	0.033	
Q1365-01MS	1.236	0.0	0.176	
Q1365-01MSD	1.192	0.0	0.171	
Q1365-02	-0.020	0.0	0.019	
Q1365-03	-0.016	0.0	0.020	
Q1365-04	-0.018	0.0	0.019	
CCV2	1.005	0.0	0.147	
CCB2	-0.022	0.0	0.019	
Q1365-05	-0.024	0.0	0.019	
Q1365-06	0.007	0.0	0.023	
Q1365-07	-0.002	0.0	0.021	
Q1365-08	0.030	0.0	0.025	
PB166729BL	-0.022	0.0	0.019	
PB166729BS	1.049	0.0	0.153	
Q1359-01	13.018	0.0	1.649	Test limit high
Q1359-05	16.957	0.0	2.142	Test limit high
Q1359-05DUP	17.087	0.0	2.158	Test limit high
Q1359-05MS	17.365	0.0	2.193	Test limit high
CCV3	0.996	0.0	0.146	
CCB3	0.001	0.0	0.022	
Q1359-05MSD	16.978	0.0	2.145	Test limit high
CCV4	0.989	0.0	0.145	
CCB4	-0.019	0.0	0.019	
Q1359-01DLX10	1.159	0.0	0.167	
Q1359-05DLX10	1.687	0.0	0.233	
CCV5	0.987	0.0	0.145	
CCB5	-0.025	0.0	0.019	
N	35			
Mean	2.705			
SD	5.6823			
CV%	210.08			

69% (50-150)

02/14/2025

RN

Aquakem v. 7.2AQ1

Results from time period:

Fri Feb 14 11:50:22 2025

Fri Feb 14 14:23:48 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		-0.0263	mg/l	2/14/2025 11:5022	
0.1PPM	A	Ammonia-† P		0.1179	mg/l	2/14/2025 11:5023	
0.2PPM	A	Ammonia-† P		0.2139	mg/l	2/14/2025 11:5024	
0.4PPM	A	Ammonia-† P		0.3755	mg/l	2/14/2025 11:5025	
1.0PPM	A	Ammonia-† P		1.0293	mg/l	2/14/2025 11:5026	
1.3PPM	A	Ammonia-† P		1.3383	mg/l	2/14/2025 11:5027	
2.0PPM	A	Ammonia-† P		1.9846	mg/l	2/14/2025 11:5028	
ICV1	S	Ammonia-† P		1.0248	mg/l	2/14/2025 13:2051	
ICB1	S	Ammonia-† P		-0.0177	mg/l	2/14/2025 13:2053	
CCV1	S	Ammonia-† P		0.9318	mg/l	2/14/2025 13:2054	
CCB1	S	Ammonia-† P		-0.0294	mg/l	2/14/2025 13:2056	
RL CHECK	S	Ammonia-† P		0.0691	mg/l	2/14/2025 13:2059	
PB166730BL	S	Ammonia-† P		-0.0314	mg/l	2/14/2025 13:2101	
PB166730BS	S	Ammonia-† P		0.9645	mg/l	2/14/2025 13:3134	
Q1365-01	S	Ammonia-† P		0.089	mg/l	2/14/2025 13:3136	
Q1365-01DUP	S	Ammonia-† P		0.0926	mg/l	2/14/2025 13:3138	
Q1365-01MS	S	Ammonia-† P		1.2361	mg/l	2/14/2025 13:3140	
Q1365-01MSD	S	Ammonia-† P		1.192	mg/l	2/14/2025 13:3141	
Q1365-02	S	Ammonia-† P		-0.0196	mg/l	2/14/2025 13:3142	
Q1365-03	S	Ammonia-† P		-0.0162	mg/l	2/14/2025 13:3143	
Q1365-04	S	Ammonia-† P		-0.0181	mg/l	2/14/2025 13:3144	
CCV2	S	Ammonia-† P		1.0046	mg/l	2/14/2025 13:3145	
CCB2	S	Ammonia-† P		-0.0222	mg/l	2/14/2025 13:4219	
Q1365-05	S	Ammonia-† P		-0.0237	mg/l	2/14/2025 13:4221	
Q1365-06	S	Ammonia-† P		0.0067	mg/l	2/14/2025 13:4222	
Q1365-07	S	Ammonia-† P		-0.0019	mg/l	2/14/2025 13:4223	
Q1365-08	S	Ammonia-† P		0.0297	mg/l	2/14/2025 13:4224	
PB166729BL	S	Ammonia-† P		-0.0217	mg/l	2/14/2025 13:4225	
PB166729BS	S	Ammonia-† P		1.0492	mg/l	2/14/2025 13:4227	
Q1359-01	S	Ammonia-† P		13.0175	mg/l	2/14/2025 13:4229	
Q1359-05	S	Ammonia-† P		16.9574	mg/l	2/14/2025 13:5300	
Q1359-05DUP	S	Ammonia-† P		17.0873	mg/l	2/14/2025 13:5303	
Q1359-05MS	S	Ammonia-† P		17.3654	mg/l	2/14/2025 13:5304	
CCV3	S	Ammonia-† P		0.9957	mg/l	2/14/2025 13:5306	
CCB3	S	Ammonia-† P		0.0009	mg/l	2/14/2025 13:5307	
Q1359-05MSD	S	Ammonia-† P		16.9777	mg/l	2/14/2025 13:5309	
CCV4	S	Ammonia-† P		0.9887	mg/l	2/14/2025 13:5310	
CCB4	S	Ammonia-† P		-0.0192	mg/l	2/14/2025 13:5754	
Q1359-01DLX10	S	Ammonia-† P		1.1593	mg/l	2/14/2025 14:2342	

Q1359-05DLX10 S	Ammonia-† P	1.6868 mg/l	2/14/2025 14:2344
CCV5 S	Ammonia-† P	0.9874 mg/l	2/14/2025 14:2345
CCB5 S	Ammonia-† P	-0.0251 mg/l	2/14/2025 14:2347

Calibration results

Aquakem 7.2AQ1

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

2/14/2025 12:18

Reviewed by : RM

Instrument ID : Konelab

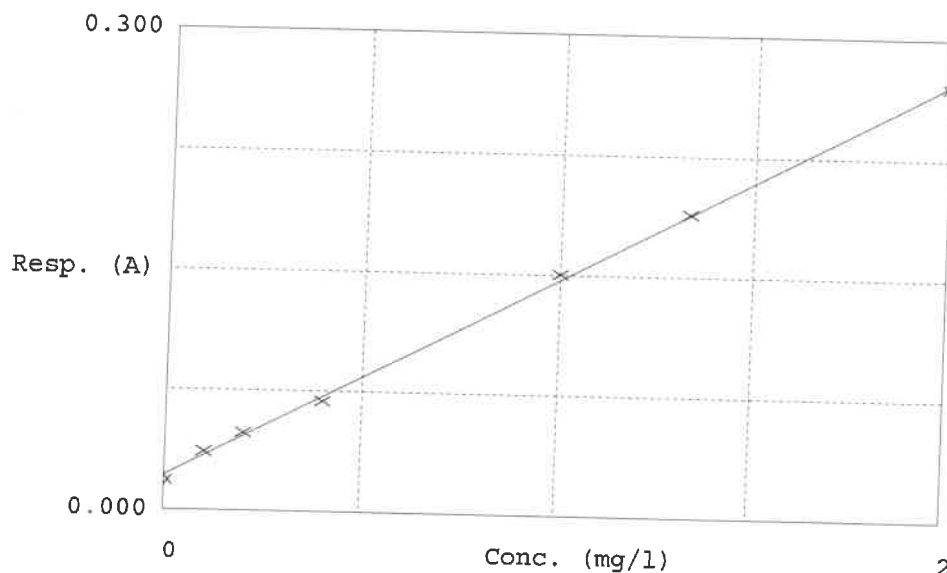
Test Ammonia-N

Accepted 2/14/2025 12:17

Factor 7.997
Bias 0.022

Coeff. of det. 0.999130

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.018	-0.0263	0.0000	-
2	NH3-2PPM	0.036	0.1179	0.1000	17.9
3	NH3-2PPM	0.048	0.2139	0.2000	7.0
4	NH3-2PPM	0.069	0.3755	0.4000	-6.1
5	NH3-2PPM	0.150	1.0293	1.0000	2.9
6	NH3-2PPM	0.189	1.3383	1.3333	2.9
7	NH3-2PPM	0.270	1.9846	2.0000	-0.8

02/14/2025
RM