

LB13432

Test results

Aquakem 7.2AQ1

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

1/17/2025 12:19

Reviewed by : RM

Instrument ID : Konelab

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.009	0.0	0.148	
ICB1	0.014	0.0	0.018	
CCV1	0.998	0.0	0.147	
CCB1	0.013	0.0	0.018	
RL CHECK	0.107	0.0	0.030	
PB166092BL	0.010	0.0	0.017	
PB166092BS	0.986	0.0	0.145	
Q1109-02	0.015	0.0	0.018	
Q1113-01	3.361	0.0	0.457	
Q1113-01DUP	3.287	0.0	0.447	Test limit high
Q1113-01MS	4.325	0.0	0.583	Test limit high
Q1113-01MSD	4.091	0.0	0.553	Test limit high
Q1113-03	1.602	0.0	0.226	Test limit high
Q1113-05	3.321	0.0	0.452	Test limit high
CCV2	1.006	0.0	0.148	
CCB2	0.011	0.0	0.017	
Q1120-01	0.061	0.0	0.024	
CCV3	1.056	0.0	0.155	
CCB3	0.009	0.0	0.017	
Q1113-01DLX2	1.662	0.0	0.234	
Q1113-05DLX2	1.726	0.0	0.242	
CCV4	1.020	0.0	0.150	
CCB4	0.014	0.0	0.018	

107% (50-150)

01/17/2025
RM

N 23
Mean 1.291
SD 1.4252
CV% 110.35

Aquakem v. 7.2AQ1

Results from time period:

Fri Jan 17 10:42:26 2025

Fri Jan 17 12:14:23 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		-0.0052	mg/l	1/17/2025 10:42:26	
0.1PPM	A	Ammonia-† P		0.1122	mg/l	1/17/2025 10:42:27	
0.2PPM	A	Ammonia-† P		0.197	mg/l	1/17/2025 10:42:28	
0.4PPM	A	Ammonia-† P		0.4025	mg/l	1/17/2025 10:42:29	
1.0PPM	A	Ammonia-† P		1.0228	mg/l	1/17/2025 10:42:30	
1.3PPM	A	Ammonia-† P		1.2819	mg/l	1/17/2025 10:42:31	
2.0PPM	A	Ammonia-† P		2.022	mg/l	1/17/2025 10:42:32	
ICV1	S	Ammonia-† P		1.0088	mg/l	1/17/2025 11:34:05	
ICB1	S	Ammonia-† P		0.0144	mg/l	1/17/2025 11:34:06	
CCV1	S	Ammonia-† P		0.9983	mg/l	1/17/2025 11:34:09	
CCB1	S	Ammonia-† P		0.0129	mg/l	1/17/2025 11:34:11	
RL CHECK	S	Ammonia-† P		0.1066	mg/l	1/17/2025 11:34:13	
PB166092BL	S	Ammonia-† P		0.0099	mg/l	1/17/2025 11:34:15	
PB166092BS	S	Ammonia-† P		0.9863	mg/l	1/17/2025 11:44:45	
Q1109-02	S	Ammonia-† P		0.015	mg/l	1/17/2025 11:44:47	
Q1113-01	S	Ammonia-† P		3.3605	mg/l	1/17/2025 11:44:50	
Q1113-01DUP	S	Ammonia-† P		3.2866	mg/l	1/17/2025 11:44:51	
Q1113-01MS	S	Ammonia-† P		4.3251	mg/l	1/17/2025 11:44:52	
Q1113-01MSD	S	Ammonia-† P		4.0912	mg/l	1/17/2025 11:44:53	
Q1113-03	S	Ammonia-† P		1.6025	mg/l	1/17/2025 11:44:54	
Q1113-05	S	Ammonia-† P		3.3212	mg/l	1/17/2025 11:44:55	
CCV2	S	Ammonia-† P		1.0058	mg/l	1/17/2025 11:44:56	
CCB2	S	Ammonia-† P		0.0114	mg/l	1/17/2025 11:53:11	
Q1120-01	S	Ammonia-† P		0.0613	mg/l	1/17/2025 11:53:12	
CCV3	S	Ammonia-† P		1.0562	mg/l	1/17/2025 11:53:13	
CCB3	S	Ammonia-† P		0.0086	mg/l	1/17/2025 11:53:16	
Q1113-01DLX2	S	Ammonia-† P		1.6618	mg/l	1/17/2025 12:14:17	
Q1113-05DLX2	S	Ammonia-† P		1.7262	mg/l	1/17/2025 12:14:19	
CCV4	S	Ammonia-† P		1.0196	mg/l	1/17/2025 12:14:20	
CCB4	S	Ammonia-† P		0.0143	mg/l	1/17/2025 12:14:23	

Calibration results

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1/17/2025 10:55

Reviewed by : RM

Instrument ID : Konelab

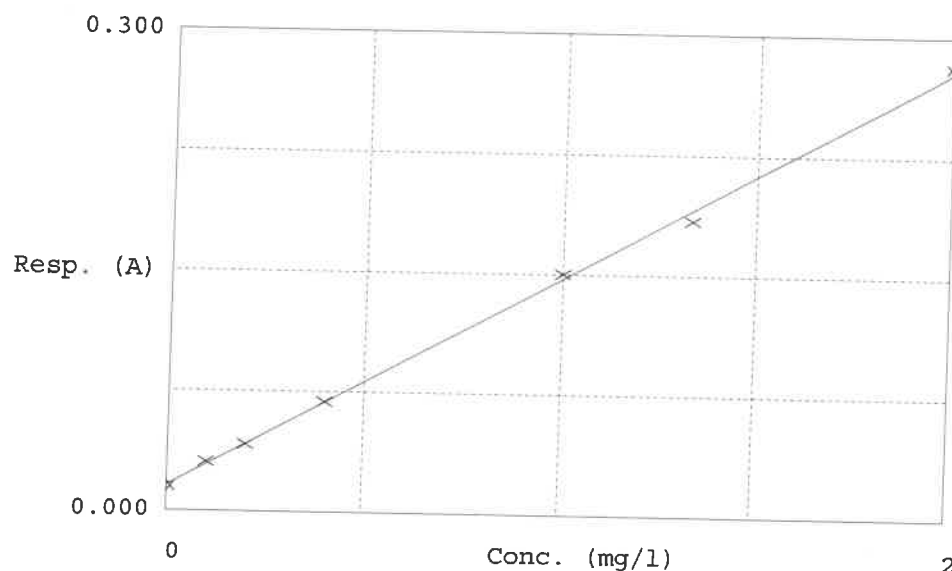
Test Ammonia-N

Accepted 1/17/2025 10:55

Factor 7.622
Bias 0.016

Coeff. of det. 0.998861

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.015	-0.0052	0.0000	-
2	NH3-2PPM	0.031	0.1122	0.1000	12.2
3	NH3-2PPM	0.042	0.1970	0.2000	-1.5
4	NH3-2PPM	0.069	0.4025	0.4000	0.6
5	NH3-2PPM	0.150	1.0228	1.0000	2.3
6	NH3-2PPM	0.184	1.2819	1.3333	-1.4
7	NH3-2PPM	0.281	2.0220	2.0000	1.1

01/17/2025
RM