

Lb136664

Test results

Aquakem 7.2AQ1

Page:

Alliance Technical Group

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

7/31/2025 11:17

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.008	0.0	0.206	
ICB1	0.005	0.0	0.019	
CCV1	1.014	0.0	0.207	
CCB1	0.003	0.0	0.019	
RL CHECK	0.093	0.0	0.035	
PB169056BL	0.003	0.0	0.018	
PB169056BS	1.020	0.0	0.208	
Q2698-01	9.752	0.0	1.836	Test limit high
Q2698-05	9.032	0.0	1.702	Test limit high
Q2730-01	6.347	0.0	1.201	Test limit high
Q2730-02	6.442	0.0	1.219	Test limit high
Q2730-02DUP	6.459	0.0	1.222	Test limit high
Q2730-02MS	7.634	0.0	1.441	Test limit high
Q2730-02MSD	7.631	0.0	1.441	Test limit high
CCV2	1.004	0.0	0.205	
CCB2	0.007	0.0	0.019	
Q2698-01DLX10	0.887	0.0	0.183	
Q2698-05DLX10	0.801	0.0	0.167	
Q2730-01DLX5	1.191	0.0	0.240	
Q2730-02DLX5	1.182	0.0	0.238	
Q2730-02DUPDLX5	1.269	0.0	0.255	
CCV3	0.985	0.0	0.202	
CCB3	0.004	0.0	0.019	

93% (50-150) 07/31/2025
RM

N 23
Mean 2.773
SD 3.3763
CV% 121.77

Aquakem v. 7.2AQ1

Results from time period:

Thu Jul 31 09:42:41 2025

Thu Jul 31 11:14:58 2025

Sample Id	Sam/Ctr/c	Test short r	Test typ	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-† P		0.0076	mg/l	7/31/2025 9:42:41	
0.1PPM	A	Ammonia-† P		0.1014	mg/l	7/31/2025 9:42:42	
0.2PPM	A	Ammonia-† P		0.1969	mg/l	7/31/2025 9:42:43	
0.4PPM	A	Ammonia-† P		0.3983	mg/l	7/31/2025 9:42:44	
1.0PPM	A	Ammonia-† P		0.961	mg/l	7/31/2025 9:42:45	
1.3PPM	A	Ammonia-† P		1.3775	mg/l	7/31/2025 9:42:46	
2.0PPM	A	Ammonia-† P		1.9906	mg/l	7/31/2025 9:42:47	
ICV1	S	Ammonia-† P		1.0076	mg/l	7/31/2025 10:27:32	
ICB1	S	Ammonia-† P		0.0053	mg/l	7/31/2025 10:27:34	
CCV1	S	Ammonia-† P		1.0136	mg/l	7/31/2025 10:27:37	
CCB1	S	Ammonia-† P		0.0028	mg/l	7/31/2025 10:27:39	
RL CHECK	S	Ammonia-† P		0.0927	mg/l	7/31/2025 10:27:40	
PB169056BL	S	Ammonia-† P		0.0026	mg/l	7/31/2025 10:38:14	
PB169056BS	S	Ammonia-† P		1.0202	mg/l	7/31/2025 10:38:16	
Q2698-01	S	Ammonia-† P		9.7521	mg/l	7/31/2025 10:38:19	
Q2698-05	S	Ammonia-† P		9.0317	mg/l	7/31/2025 10:38:20	
Q2730-01	S	Ammonia-† P		6.3471	mg/l	7/31/2025 10:38:21	
Q2730-02	S	Ammonia-† P		6.442	mg/l	7/31/2025 10:38:23	
Q2730-02DUP	S	Ammonia-† P		6.4588	mg/l	7/31/2025 10:38:24	
Q2730-02MS	S	Ammonia-† P		7.6335	mg/l	7/31/2025 10:45:28	
Q2730-02MSD	S	Ammonia-† P		7.631	mg/l	7/31/2025 10:45:29	
CCV2	S	Ammonia-† P		1.0043	mg/l	7/31/2025 10:45:31	
CCB2	S	Ammonia-† P		0.0068	mg/l	7/31/2025 10:45:33	
Q2698-01DLX10	S	Ammonia-† P		0.8873	mg/l	7/31/2025 11:14:52	
Q2698-05DLX10	S	Ammonia-† P		0.8005	mg/l	7/31/2025 11:14:53	
Q2730-01DLX5	S	Ammonia-† P		1.1906	mg/l	7/31/2025 11:14:54	
Q2730-02DLX5	S	Ammonia-† P		1.1822	mg/l	7/31/2025 11:14:55	
Q2730-02DUPDLX5	S	Ammonia-† P		1.2691	mg/l	7/31/2025 11:14:56	
CCV3	S	Ammonia-† P		0.9846	mg/l	7/31/2025 11:14:57	
CCB3	S	Ammonia-† P		0.0038	mg/l	7/31/2025 11:14:58	

Calibration results

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7/31/2025 9:53

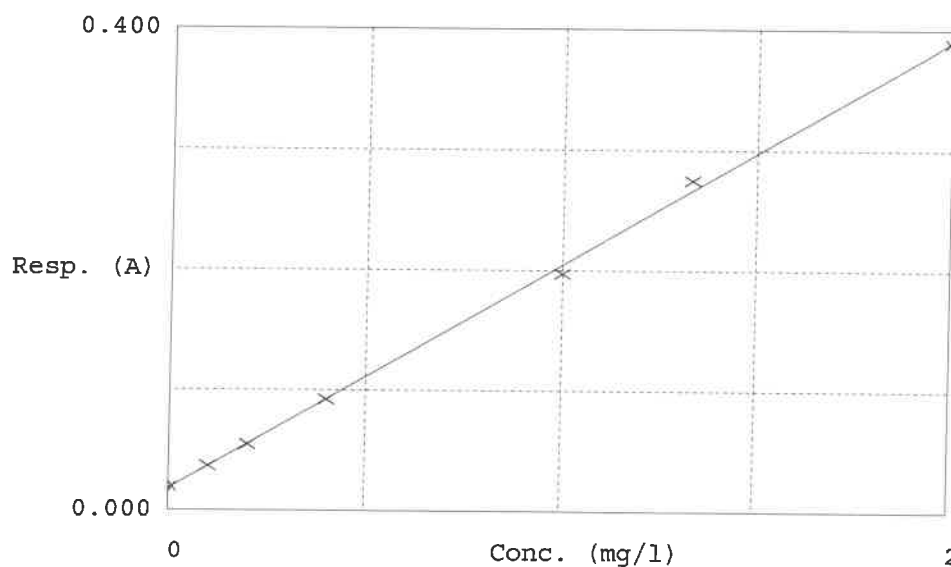
Test Ammonia-N

Accepted 7/31/2025 9:53

Factor 5.364
Bias 0.018

Coeff. of det. 0.998924

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.019	0.0076	0.0000	-
2	NH3-2PPM	0.037	0.1014	0.1000	1.4
3	NH3-2PPM	0.055	0.1969	0.2000	-1.6
4	NH3-2PPM	0.092	0.3983	0.4000	-0.4
5	NH3-2PPM	0.197	0.9610	1.0000	-3.9
6	NH3-2PPM	0.275	1.3775	1.3333	6.0
7	NH3-2PPM	0.389	1.9906	2.0000	-0.5

07/31/2025
RM