

LB124760

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

3/30/2023 15:44

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.976	0.0	0.163	
ICB1	0.004	0.0	0.026	
CCV1	0.939	0.0	0.158	
CCB1	0.013	0.0	0.027	
RL CHECK	0.092	0.0	0.039	
PB151795BL	0.009	0.0	0.027	
PB151795BS	0.965	0.0	0.161	
O2096-01	0.025	0.0	0.029	
O2096-01DUP	0.029	0.0	0.030	
O2096-01MS	0.934	0.0	0.157	
O2096-01MSD	0.945	0.0	0.158	
O2096-03	0.118	0.0	0.042	
O2096-05	0.130	0.0	0.044	
O2096-07	1.249	0.0	0.201	
CCV2	0.914	0.0	0.154	
CCB2	0.023	0.0	0.029	
O2097-01	4.532	0.0	0.663	Test limit high
O2097-05	5.044	0.0	0.735	Test limit high
CCV3	0.977	0.0	0.163	
CCB3	0.030	0.0	0.030	
O2097-01DLX5	0.867	0.0	0.147	
O2097-05DLX5	0.968	0.0	0.162	
O2138-01	0.033	0.0	0.030	
CCV4	1.006	0.0	0.167	
CCB4	0.027	0.0	0.029	

92% (50-150)

12
3/30/23

N 25
Mean 0.834
SD 1.2783
CV% 153.28

Aquakem v. 7.2AQ1

Results from time period:

Thu Mar 30 13:58:34 2023

Thu Mar 30 15:20:20 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0193	mg/l	3/30/2023 11:51:56	
0.1PPM	A	Ammonia-I	P	0.1082	mg/l	3/30/2023 11:51:57	
0.2PPM	A	Ammonia-I	P	0.204	mg/l	3/30/2023 11:51:58	
0.4PPM	A	Ammonia-I	P	0.3922	mg/l	3/30/2023 11:51:59	
1.0PPM	A	Ammonia-I	P	0.981	mg/l	3/30/2023 11:52:00	
1.3PPM	A	Ammonia-I	P	1.2885	mg/l	3/30/2023 11:52:01	
2.0PPM	A	Ammonia-I	P	2.0402	mg/l	3/30/2023 11:52:02	
ICV1	S	Ammonia-I	P	0.9758	mg/l	3/30/2023 13:58:34	
ICB1	S	Ammonia-I	P	0.0039	mg/l	3/30/2023 13:58:37	
CCV1	S	Ammonia-I	P	0.9388	mg/l	3/30/2023 13:58:38	
CCB1	S	Ammonia-I	P	0.0127	mg/l	3/30/2023 13:58:41	
RL CHECK	S	Ammonia-I	P	0.0924	mg/l	3/30/2023 13:58:43	
PB151795BL	S	Ammonia-I	P	0.009	mg/l	3/30/2023 13:58:45	
PB151795BS	S	Ammonia-I	P	0.965	mg/l	3/30/2023 14:09:15	
O2096-01	S	Ammonia-I	P	0.0254	mg/l	3/30/2023 14:09:17	
O2096-01DUP	S	Ammonia-I	P	0.0289	mg/l	3/30/2023 14:09:18	
O2096-01MS	S	Ammonia-I	P	0.9342	mg/l	3/30/2023 14:09:19	
O2096-01MSD	S	Ammonia-I	P	0.9453	mg/l	3/30/2023 14:09:20	
O2096-03	S	Ammonia-I	P	0.1182	mg/l	3/30/2023 14:09:21	
O2096-05	S	Ammonia-I	P	0.1297	mg/l	3/30/2023 14:09:22	
O2096-07	S	Ammonia-I	P	1.2487	mg/l	3/30/2023 14:09:23	
CCV2	S	Ammonia-I	P	0.9136	mg/l	3/30/2023 14:09:24	
CCB2	S	Ammonia-I	P	0.0231	mg/l	3/30/2023 14:09:25	
O2097-01	S	Ammonia-I	P	4.5316	mg/l	3/30/2023 14:09:26	
O2097-05	S	Ammonia-I	P	5.0441	mg/l	3/30/2023 14:14:44	
CCV3	S	Ammonia-I	P	0.9767	mg/l	3/30/2023 14:14:45	
CCB3	S	Ammonia-I	P	0.0302	mg/l	3/30/2023 14:14:46	
O2097-01DLX5	S	Ammonia-I	P	0.8671	mg/l	3/30/2023 14:42:23	
O2097-05DLX5	S	Ammonia-I	P	0.9677	mg/l	3/30/2023 14:42:24	
O2138-01	S	Ammonia-I	P	0.0332	mg/l	3/30/2023 15:20:18	
CCV4	S	Ammonia-I	P	1.0062	mg/l	3/30/2023 15:20:19	
CCB4	S	Ammonia-I	P	0.0269	mg/l	3/30/2023 15:20:20	

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3/30/2023 11:52

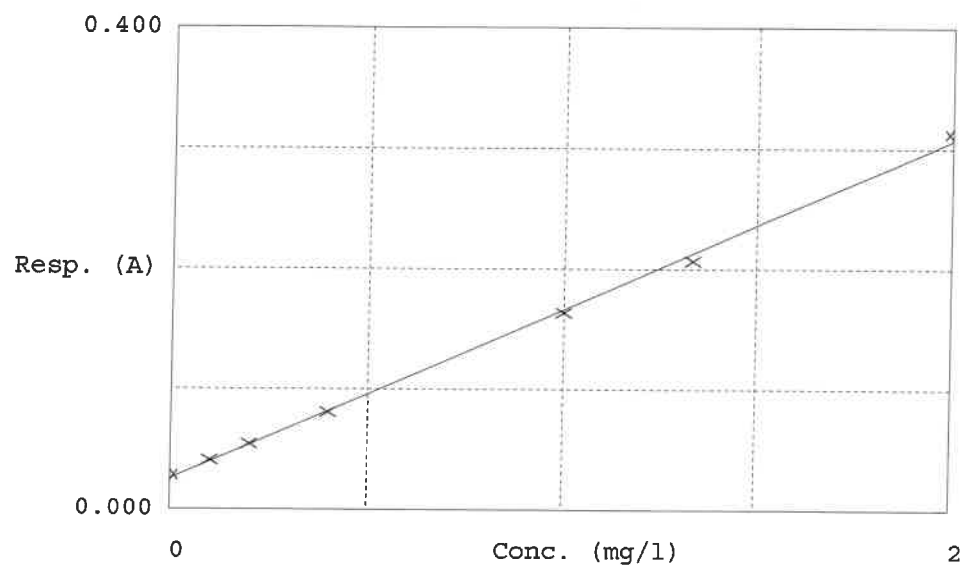
Test Ammonia-N

Accepted 3/30/2023 11:52

Factor 7.112
Bias 0.026

Coeff. of det. 0.998666

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.028	0.0193	0.0000	0.0187
2	NH3-2PPM	0.041	0.1082	0.1000	0.0082
3	NH3-2PPM	0.054	0.2040	0.2000	0.0040
4	NH3-2PPM	0.081	0.3922	0.4000	-0.0082
5	NH3-2PPM	0.164	0.9810	1.0000	-0.0190
6	NH3-2PPM	0.207	1.2885	1.3333	-0.0463
7	NH3-2PPM	0.312	2.0402	2.0000	0.0402

12
3/30/23