

LB176455

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

7/14/2023 13:55

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.971	0.0	0.150	
ICB1	0.010	0.0	0.019	
CCV1	0.986	0.0	0.152	
CCB1	0.008	0.0	0.019	
RL CHECK	0.110	0.0	0.033	110% (50-150)
PB154134BL	0.009	0.0	0.019	12
PB154134BS	0.971	0.0	0.150	
O3572-07	0.092	0.0	0.030	
O3572-08	0.106	0.0	0.032	
O3538-05	0.065	0.0	0.026	
O3538-05DUP	0.025	0.0	0.021	
O3538-05MS	0.984	0.0	0.152	
O3538-05MSD	1.008	0.0	0.155	
O3538-06	0.167	0.0	0.040	
CCV2	0.983	0.0	0.152	
CCB2	0.042	0.0	0.023	
O3547-01	1.221	0.0	0.185	
O3556-01	73.011	0.0	10.001	Abs. high, Init abs., Tes
O3560-01	0.267	0.0	0.054	
O3563-01	15.236	0.0	2.101	Test limit high
O3578-06	1.022	0.0	0.157	
O3538-03	0.055	0.0	0.025	
PB154151BS	0.979	0.0	0.151	
O3538-01	0.049	0.0	0.024	
O3538-01DUP	0.068	0.0	0.027	
O3538-01MS	1.060	0.0	0.162	
CCV3	0.997	0.0	0.154	
CCB3	0.024	0.0	0.021	
O3538-01MSD	1.048	0.0	0.161	
O3538-02	0.141	0.0	0.037	
PB154151BL	0.007	0.0	0.019	
O3538-04	-0.001	0.0	0.017	
O3572-01	0.098	0.0	0.031	
O3572-02	0.108	0.0	0.032	
PB154208BL	0.014	0.0	0.019	
PB154208BS	0.986	0.0	0.152	
O3590-01	-0.000	0.0	0.017	
O3590-01DUP	0.000	0.0	0.018	
CCV4	0.994	0.0	0.153	
CCB4	0.008	0.0	0.019	
O3590-01MS	0.768	0.0	0.123	
O3590-01MSD	0.793	0.0	0.126	
O3596-01	3.533	0.0	0.501	Test limit high
O3596-02	3.962	0.0	0.559	Test limit high
O3556-01DLX250	1.406	0.0	0.210	
O3563-01DLX20	0.921	0.0	0.144	
O3596-01DLX5	0.618	0.0	0.102	
O3596-02DLX5	0.686	0.0	0.111	
CCV5	0.999	0.0	0.154	
CCB5	0.019	0.0	0.020	

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Test results

Aquakem 7.2AQ1

Page: 2

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

7/14/2023 13:55

Reviewed by : 12 Instrument ID : Konelab

Test: Ammonia-N

Sample Id *no/l* Result Dil. 1 + Response $\hat{\sigma}_{\square}$

N	50
Mean	2.353
SD	10.4342
CV%	443.52

Aquakem v. 7.2AQ1

Results from time period:

Fri Jul 14 12:10:35 2023

Fri Jul 14 13:50:17 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0101	mg/l	7/14/2023 12:10:35	
0.1PPM	A	Ammonia-I	P	0.1007	mg/l	7/14/2023 12:10:36	
0.2PPM	A	Ammonia-I	P	0.2041	mg/l	7/14/2023 12:10:37	
0.4PPM	A	Ammonia-I	P	0.3947	mg/l	7/14/2023 12:10:38	
1.0PPM	A	Ammonia-I	P	0.98	mg/l	7/14/2023 12:10:39	
1.3PPM	A	Ammonia-I	P	1.3326	mg/l	7/14/2023 12:10:40	
2.0PPM	A	Ammonia-I	P	2.0111	mg/l	7/14/2023 12:10:41	
ICV1	S	Ammonia-I	P	0.9709	mg/l	7/14/2023 13:07:50	
ICB1	S	Ammonia-I	P	0.0095	mg/l	7/14/2023 13:07:51	
CCV1	S	Ammonia-I	P	0.9856	mg/l	7/14/2023 13:07:53	
CCB1	S	Ammonia-I	P	0.008	mg/l	7/14/2023 13:07:56	
RL CHECK	S	Ammonia-I	P	0.1097	mg/l	7/14/2023 13:07:58	
PB154134BL	S	Ammonia-I	P	0.0085	mg/l	7/14/2023 13:08:00	
PB154134BS	S	Ammonia-I	P	0.9707	mg/l	7/14/2023 13:18:34	
O3572-07	S	Ammonia-I	P	0.0925	mg/l	7/14/2023 13:18:35	
O3572-08	S	Ammonia-I	P	0.1057	mg/l	7/14/2023 13:18:38	
O3538-05	S	Ammonia-I	P	0.0647	mg/l	7/14/2023 13:18:39	
O3538-05DUP	S	Ammonia-I	P	0.0249	mg/l	7/14/2023 13:18:40	
O3538-05MS	S	Ammonia-I	P	0.9838	mg/l	7/14/2023 13:18:41	
O3538-05MSD	S	Ammonia-I	P	1.008	mg/l	7/14/2023 13:18:42	
O3538-06	S	Ammonia-I	P	0.1669	mg/l	7/14/2023 13:18:43	
CCV2	S	Ammonia-I	P	0.9827	mg/l	7/14/2023 13:18:44	
CCB2	S	Ammonia-I	P	0.0416	mg/l	7/14/2023 13:29:14	
O3547-01	S	Ammonia-I	P	1.2212	mg/l	7/14/2023 13:29:15	
O3556-01	S	Ammonia-I	P	73.0109	mg/l	7/14/2023 13:29:16	
O3560-01	S	Ammonia-I	P	0.2665	mg/l	7/14/2023 13:29:17	
O3563-01	S	Ammonia-I	P	15.2364	mg/l	7/14/2023 13:29:18	
O3578-06	S	Ammonia-I	P	1.0221	mg/l	7/14/2023 13:29:19	
O3538-03	S	Ammonia-I	P	0.0551	mg/l	7/14/2023 13:29:20	
PB154151BS	S	Ammonia-I	P	0.979	mg/l	7/14/2023 13:29:21	
O3538-01	S	Ammonia-I	P	0.0494	mg/l	7/14/2023 13:29:22	
O3538-01DUP	S	Ammonia-I	P	0.068	mg/l	7/14/2023 13:29:23	
O3538-01MS	S	Ammonia-I	P	1.0597	mg/l	7/14/2023 13:29:24	
CCV3	S	Ammonia-I	P	0.9971	mg/l	7/14/2023 13:29:25	
CCB3	S	Ammonia-I	P	0.0244	mg/l	7/14/2023 13:39:58	
O3538-01MSD	S	Ammonia-I	P	1.0484	mg/l	7/14/2023 13:39:59	
O3538-02	S	Ammonia-I	P	0.1411	mg/l	7/14/2023 13:40:00	
PB154151BL	S	Ammonia-I	P	0.0073	mg/l	7/14/2023 13:40:01	
O3538-04	S	Ammonia-I	P	-0.0014	mg/l	7/14/2023 13:40:02	
O3572-01	S	Ammonia-I	P	0.0978	mg/l	7/14/2023 13:40:03	
O3572-02	S	Ammonia-I	P	0.1076	mg/l	7/14/2023 13:40:04	
PB154208BL	S	Ammonia-I	P	0.014	mg/l	7/14/2023 13:40:05	

PB154208BS	S	Ammonia-I P	0.986 mg/l	7/14/2023 13:40:06
O3590-01	S	Ammonia-I P	-0.0005 mg/l	7/14/2023 13:40:07
O3590-01DUP	S	Ammonia-I P	0.0004 mg/l	7/14/2023 13:40:08
CCV4	S	Ammonia-I P	0.9937 mg/l	7/14/2023 13:40:09
CCB4	S	Ammonia-I P	0.0081 mg/l	7/14/2023 13:50:07
O3590-01MS	S	Ammonia-I P	0.768 mg/l	7/14/2023 13:50:08
O3590-01MSD	S	Ammonia-I P	0.7933 mg/l	7/14/2023 13:50:09
O3596-01	S	Ammonia-I P	3.5329 mg/l	7/14/2023 13:50:10
O3596-02	S	Ammonia-I P	3.9616 mg/l	7/14/2023 13:50:11
O3556-01DLX250	S	Ammonia-I P	1.4061 mg/l	7/14/2023 13:50:12
O3563-01DLX20	S	Ammonia-I P	0.9211 mg/l	7/14/2023 13:50:13
O3596-01DLX5	S	Ammonia-I P	0.6178 mg/l	7/14/2023 13:50:14
O3596-02DLX5	S	Ammonia-I P	0.6858 mg/l	7/14/2023 13:50:15
CCV5	S	Ammonia-I P	0.9991 mg/l	7/14/2023 13:50:16
CCB5	S	Ammonia-I P	0.0187 mg/l	7/14/2023 13:50:17

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7/14/2023 12:13

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Instrument ID : Konelab

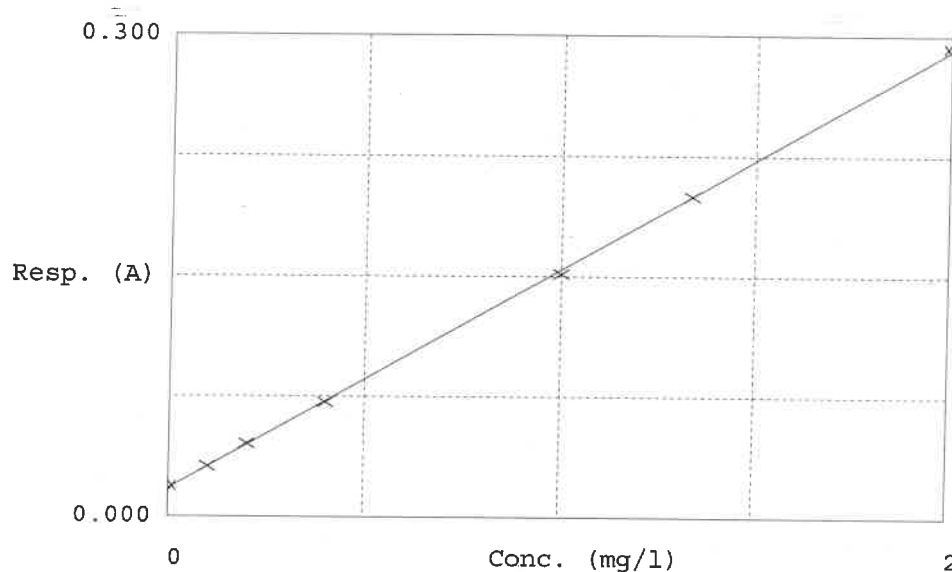
Test Ammonia-N

Accepted 7/14/2023 12:13

Factor 7.313
Bias 0.018

Coeff. of det. 0.999801

Errors



	Calibrator	Response	Calc. con.	Conc.
1	0.00PPM	0.019	0.0101	0.0000
2	NH3-2PPM	0.031	0.1007	0.1000
3	NH3-2PPM	0.045	0.2041	0.2000
4	NH3-2PPM	0.072	0.3947	0.4000
5	NH3-2PPM	0.152	0.9800	1.0000
6	NH3-2PPM	0.200	1.3326	1.3333
7	NH3-2PPM	0.293	2.0111	2.0000

Re
Errors

-
0.7
2.1
-1.3
-2.0
2.5
0.6

12
7/14/23