

LB115330

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : AL Instrument ID : Konelab

7/13/2021 9:56

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.969	0.0	0.217	
ICB1	0.002	0.0	0.045	
CCV1	0.945	0.0	0.212	
CCB1	-0.000	0.0	0.044	
PB137584BL	-0.006	0.0	0.043	
PB137584BS	0.960	0.0	0.215	
M2940-09	0.087	0.0	0.060	
M2960-01	1.918	0.0	0.385	
M2960-01DUP	2.026	0.0	0.404	Test limit high
M2960-01MS	3.018	0.0	0.580	Test limit high
M2960-01MSD	3.125	0.0	0.599	Test limit high
M2960-02	2.018	0.0	0.403	Test limit high
M2999-01	0.868	0.0	0.199	
DOC-WATER-1	0.963	0.0	0.216	
CCV2	0.954	0.0	0.214	
CCB2	-0.002	0.0	0.044	
DOC-WATER-2	0.927	0.0	0.209	
DOC-WATER-3	0.942	0.0	0.212	
DOC-WATER-4	0.948	0.0	0.213	
PB137585BL	-0.011	0.0	0.043	
PB137585BS	0.960	0.0	0.215	
M2940-03	0.094	0.0	0.061	
DOC-SOIL-1	0.977	0.0	0.218	
DOC-SOIL-2	0.980	0.0	0.219	
DOC-SOIL-3	0.986	0.0	0.220	
DOC-SOIL-4	1.007	0.0	0.223	
CCV3	0.944	0.0	0.212	
CCB3	-0.019	0.0	0.041	
M2960-02DLX2	0.961	0.0	0.215	
CCV4	0.912	0.0	0.206	
CCB4	-0.014	0.0	0.042	

N 31
Mean 0.917
SD 0.8189
CV% 89.27

Aquakem v. 7.2AQ1

Results from time period:

Tue Jul 13 08:30:43 2021

Tue Jul 13 09:54:39 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0162	mg/l	7/13/2021 8:30:43	
0.1PPM	A	Ammonia-I	P	0.1061	mg/l	7/13/2021 8:30:44	
0.2PPM	A	Ammonia-I	P	0.2128	mg/l	7/13/2021 8:30:45	
0.4PPM	A	Ammonia-I	P	0.4047	mg/l	7/13/2021 8:30:46	
1.0PPM	A	Ammonia-I	P	0.9479	mg/l	7/13/2021 8:30:47	
1.3PPM	A	Ammonia-I	P	1.2999	mg/l	7/13/2021 8:30:48	
2.0PPM	A	Ammonia-I	P	2.0458	mg/l	7/13/2021 8:30:49	
ICV1	S	Ammonia-I	P	0.9686	mg/l	7/13/2021 9:06:50	
ICB1	S	Ammonia-I	P	0.0019	mg/l	7/13/2021 9:06:53	
CCV1	S	Ammonia-I	P	0.945	mg/l	7/13/2021 9:06:55	
CCB1	S	Ammonia-I	P	-0.0005	mg/l	7/13/2021 9:06:56	
PB137584BL	S	Ammonia-I	P	-0.0065	mg/l	7/13/2021 9:06:58	
PB137584BS	S	Ammonia-I	P	0.9596	mg/l	7/13/2021 9:06:59	
M2940-09	S	Ammonia-I	P	0.0874	mg/l	7/13/2021 9:07:00	
M2960-01	S	Ammonia-I	P	1.9177	mg/l	7/13/2021 9:07:01	
M2960-01DUP	S	Ammonia-I	P	2.0258	mg/l	7/13/2021 9:17:31	
M2960-01MS	S	Ammonia-I	P	3.018	mg/l	7/13/2021 9:17:32	
M2960-01MSD	S	Ammonia-I	P	3.1253	mg/l	7/13/2021 9:17:33	
M2960-02	S	Ammonia-I	P	2.0176	mg/l	7/13/2021 9:17:34	
M2999-01	S	Ammonia-I	P	0.8677	mg/l	7/13/2021 9:17:35	
DOC-WATER-1	S	Ammonia-I	P	0.9633	mg/l	7/13/2021 9:17:36	
CCV2	S	Ammonia-I	P	0.9541	mg/l	7/13/2021 9:17:37	
CCB2	S	Ammonia-I	P	-0.0025	mg/l	7/13/2021 9:17:38	
DOC-WATER-2	S	Ammonia-I	P	0.9274	mg/l	7/13/2021 9:17:39	
DOC-WATER-3	S	Ammonia-I	P	0.9421	mg/l	7/13/2021 9:17:40	
DOC-WATER-4	S	Ammonia-I	P	0.9483	mg/l	7/13/2021 9:17:41	
PB137585BL	S	Ammonia-I	P	-0.0114	mg/l	7/13/2021 9:17:42	
PB137585BS	S	Ammonia-I	P	0.9601	mg/l	7/13/2021 9:25:55	
M2940-03	S	Ammonia-I	P	0.0936	mg/l	7/13/2021 9:25:56	
DOC-SOIL-1	S	Ammonia-I	P	0.9775	mg/l	7/13/2021 9:25:57	
DOC-SOIL-2	S	Ammonia-I	P	0.9804	mg/l	7/13/2021 9:25:58	
DOC-SOIL-3	S	Ammonia-I	P	0.9856	mg/l	7/13/2021 9:25:59	
DOC-SOIL-4	S	Ammonia-I	P	1.0066	mg/l	7/13/2021 9:26:00	
CCV3	S	Ammonia-I	P	0.9437	mg/l	7/13/2021 9:54:31	
CCB3	S	Ammonia-I	P	-0.0185	mg/l	7/13/2021 9:54:33	
M2960-02DLX2	S	Ammonia-I	P	0.9614	mg/l	7/13/2021 9:54:35	
CCV4	S	Ammonia-I	P	0.9119	mg/l	7/13/2021 9:54:37	
CCB4	S	Ammonia-I	P	-0.0138	mg/l	7/13/2021 9:54:38	

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Reviewed by : AL Instrument ID : Konelab

7/13/2021 8:31

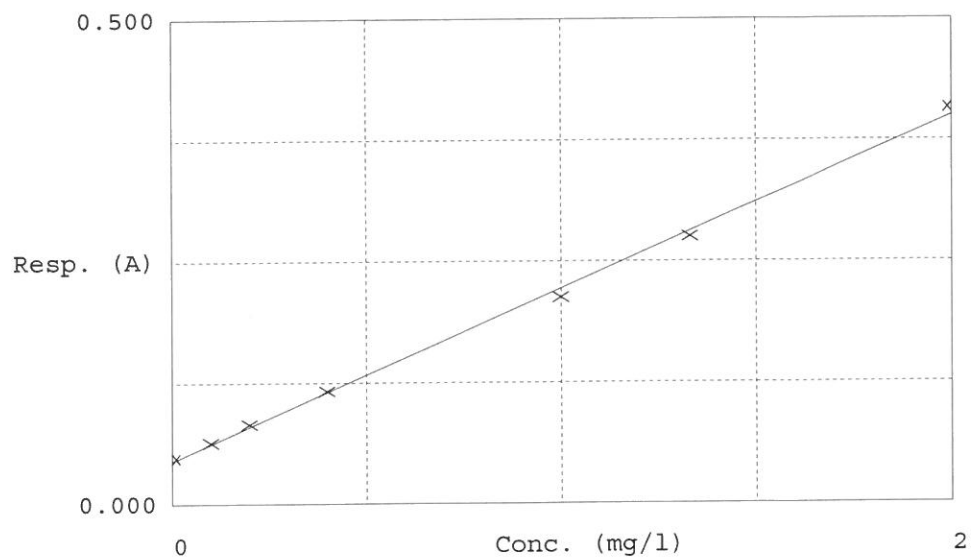
Test Ammonia-N

Accepted 7/13/2021 8:31

Factor 5.633
Bias 0.045

Coeff. of det. 0.998098

Errors



	Calibrator	Response	Calc. con.	Conc.	Relative Errors
1	0.00PPM	0.047	0.0162	0.0000	
2	NH3-2PPM	0.063	0.1061	0.1000	
3	NH3-2PPM	0.082	0.2128	0.2000	
4	NH3-2PPM	0.116	0.4047	0.4000	
5	NH3-2PPM	0.213	0.9479	1.0000	
6	NH3-2PPM	0.275	1.2999	1.3333	
7	NH3-2PPM	0.408	2.0458	2.0000	

Relative
Errors

6.1
6.4
1.2
-5.2
0.1
2.3

AL
7/13/21