

LB 116797

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : ah

Instrument ID : Konelab

10/12/2021 10:23

Test: Ammonia-N *mmh*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	1.011	0.0	0.179	
ICB1	0.039	0.0	0.014	
CCV1	0.997	0.0	0.176	
CCB1	0.038	0.0	0.014	
PB139794BL	0.028	0.0	0.012	
PB139794BS	0.994	0.0	0.176	
M4068-03	0.101	0.0	0.025	
M4111-01	0.030	0.0	0.013	
M4111-01DUP	0.032	0.0	0.013	
M4111-01MS	1.013	0.0	0.179	
M4111-01MSD	1.016	0.0	0.180	
M4111-04	0.127	0.0	0.029	
M4111-07	0.034	0.0	0.013	
PB139795BL	0.028	0.0	0.012	
CCV2	0.995	0.0	0.176	
CCB2	0.047	0.0	0.016	
PB139795BS	0.985	0.0	0.174	
M4068-09	0.105	0.0	0.025	
M4096-01	0.032	0.0	0.013	
M4096-01DUP	0.032	0.0	0.013	
M4096-01MS	1.051	0.0	0.186	
M4096-01MSD	1.053	0.0	0.186	
M4096-02	0.046	0.0	0.015	
M4096-03	0.033	0.0	0.013	
M4096-06	0.030	0.0	0.013	
M4105-01	0.735	0.0	0.132	
CCV3	1.017	0.0	0.180	
CCB3	0.035	0.0	0.013	
M4105-02	0.772	0.0	0.138	
CCV4	1.048	0.0	0.185	
CCB4	0.032	0.0	0.013	

N	31
Mean	0.437
SD	0.4709
CV%	107.85

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 12 09:36:56 2021

Tue Oct 12 10:18:05 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0199	mg/l	10/12/2021 8:19:55	
0.1PPM	A	Ammonia-I	P	0.1141	mg/l	10/12/2021 8:19:56	
0.2PPM	A	Ammonia-I	P	0.1986	mg/l	10/12/2021 8:19:57	
0.4PPM	A	Ammonia-I	P	0.3954	mg/l	10/12/2021 8:19:58	
1.0PPM	A	Ammonia-I	P	0.9712	mg/l	10/12/2021 8:19:59	
1.3PPM	A	Ammonia-I	P	1.2918	mg/l	10/12/2021 8:20:00	
2.0PPM	A	Ammonia-I	P	2.0424	mg/l	10/12/2021 8:20:01	
ICV1	S	Ammonia-I	P	1.011	mg/l	10/12/2021 9:36:56	
ICB1	S	Ammonia-I	P	0.0387	mg/l	10/12/2021 9:36:58	
CCV1	S	Ammonia-I	P	0.9965	mg/l	10/12/2021 9:37:01	
CCB1	S	Ammonia-I	P	0.0381	mg/l	10/12/2021 9:37:02	
PB139794BL	S	Ammonia-I	P	0.0276	mg/l	10/12/2021 9:37:04	
PB139794BS	S	Ammonia-I	P	0.9945	mg/l	10/12/2021 9:37:06	
M4068-03	S	Ammonia-I	P	0.1008	mg/l	10/12/2021 9:37:07	
M4111-01	S	Ammonia-I	P	0.03	mg/l	10/12/2021 9:45:21	
M4111-01DUP	S	Ammonia-I	P	0.0321	mg/l	10/12/2021 9:45:22	
M4111-01MS	S	Ammonia-I	P	1.0133	mg/l	10/12/2021 9:45:23	
M4111-01MSD	S	Ammonia-I	P	1.0162	mg/l	10/12/2021 9:45:24	
M4111-04	S	Ammonia-I	P	0.1265	mg/l	10/12/2021 9:45:25	
M4111-07	S	Ammonia-I	P	0.0338	mg/l	10/12/2021 9:45:26	
PB139795BL	S	Ammonia-I	P	0.0279	mg/l	10/12/2021 9:45:27	
CCV2	S	Ammonia-I	P	0.9953	mg/l	10/12/2021 10:10:46	
CCB2	S	Ammonia-I	P	0.0474	mg/l	10/12/2021 10:10:47	
PB139795BS	S	Ammonia-I	P	0.9846	mg/l	10/12/2021 10:10:48	
M4068-09	S	Ammonia-I	P	0.1053	mg/l	10/12/2021 10:10:49	
M4096-01	S	Ammonia-I	P	0.0316	mg/l	10/12/2021 10:10:50	
M4096-01DUP	S	Ammonia-I	P	0.0318	mg/l	10/12/2021 10:10:51	
M4096-01MS	S	Ammonia-I	P	1.0507	mg/l	10/12/2021 10:10:52	
M4096-01MSD	S	Ammonia-I	P	1.0525	mg/l	10/12/2021 10:10:53	
M4096-02	S	Ammonia-I	P	0.0455	mg/l	10/12/2021 10:10:54	
M4096-03	S	Ammonia-I	P	0.0335	mg/l	10/12/2021 10:10:55	
M4096-06	S	Ammonia-I	P	0.0299	mg/l	10/12/2021 10:10:56	
M4105-01	S	Ammonia-I	P	0.7353	mg/l	10/12/2021 10:10:57	
CCV3	S	Ammonia-I	P	1.0172	mg/l	10/12/2021 10:18:01	
CCB3	S	Ammonia-I	P	0.0349	mg/l	10/12/2021 10:18:02	
M4105-02	S	Ammonia-I	P	0.7724	mg/l	10/12/2021 10:18:03	
CCV4	S	Ammonia-I	P	1.0482	mg/l	10/12/2021 10:18:04	
CCB4	S	Ammonia-I	P	0.032	mg/l	10/12/2021 10:18:05	

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Reviewed by : pl

Instrument ID : Konelab

10/12/2021 8:20

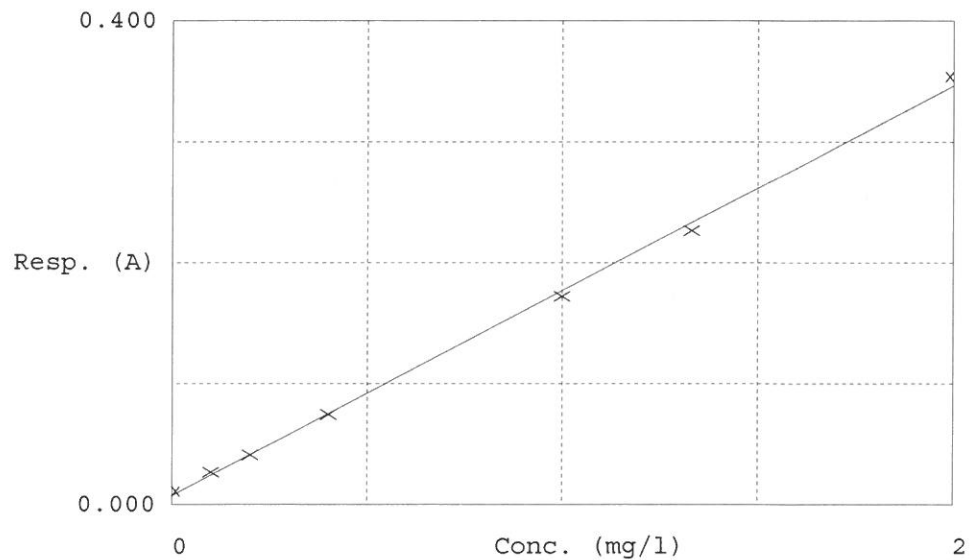
Test Ammonia-N

Accepted 10/12/2021 8:20

Factor 5.899
Bias 0.008

Coeff. of det. 0.998527

Errors



	Calibrator	Response	Calc. con.	Conc.	Rel. Errors
1	0.00PPM	0.011	0.0199	0.0000	
2	NH3-2PPM	0.027	0.1141	0.1000	14.1
3	NH3-2PPM	0.041	0.1986	0.2000	-0.5
4	NH3-2PPM	0.075	0.3954	0.4000	-1.2
5	NH3-2PPM	0.172	0.9712	1.0000	-2.9
6	NH3-2PPM	0.227	1.2918	1.3333	-0.6
7	NH3-2PPM	0.354	2.0424	2.0000	2.1

AK

10/14/21