

LB114787

Test results

Aquakem 7.2AQ1

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

Reviewed by : AM Instrument ID : Konelab

6/4/2021 15:23

Test: Ammonia-N

Sample Id	Result ^{µmg/L}	Dil. 1 +	Response	Errors
ICV1	0.953	0.0	0.173	
ICB1	0.029	0.0	0.015	
CCV1	0.933	0.0	0.169	
CCB1	0.021	0.0	0.013	
PB136826BL	0.031	0.0	0.015	
PB136826BS	0.969	0.0	0.175	
M2589-01	0.036	0.0	0.016	
M2589-01DUP	0.046	0.0	0.018	
M2589-01MS	0.921	0.0	0.167	
M2589-01MSD	0.846	0.0	0.154	
M2589-02	0.030	0.0	0.015	
M2589-03	0.036	0.0	0.016	
M2589-04	0.260	0.0	0.054	
M2589-05	0.117	0.0	0.030	
CCV2	0.947	0.0	0.172	
CCB2	0.028	0.0	0.014	
M2589-06	0.175	0.0	0.040	
M2589-07	0.053	0.0	0.019	
M2589-08	0.036	0.0	0.016	
M2589-09	0.034	0.0	0.016	
M2589-10	0.279	0.0	0.057	
M2589-11	0.030	0.0	0.015	
M2589-12	0.067	0.0	0.021	
M2589-13	0.110	0.0	0.028	
M2589-14	0.113	0.0	0.029	
M2589-15	0.251	0.0	0.053	
CCV3	0.945	0.0	0.171	
CCB3	0.030	0.0	0.015	
M2589-16	0.694	0.0	0.128	
M2589-17	0.380	0.0	0.075	
M2589-18	0.029	0.0	0.015	
M2589-19	0.028	0.0	0.014	
M2589-20	0.483	0.0	0.092	
CCV4	0.937	0.0	0.170	
CCB4	0.036	0.0	0.016	

N 35
Mean 0.312
SD 0.3720
CV% 119.30

Aquakem v. 7.2AQ1

Results from time period:

Fri Jun 04 14:37:35 2021

Fri Jun 04 15:26:37 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	Ammonia-I	P	0.0189	mg/l	6/4/2021 9:26:25	
0.1PPM	A	Ammonia-I	P	0.1101	mg/l	6/4/2021 9:26:26	
0.2PPM	A	Ammonia-I	P	0.2024	mg/l	6/4/2021 9:26:27	
0.4PPM	A	Ammonia-I	P	0.3872	mg/l	6/4/2021 9:26:28	
1.0PPM	A	Ammonia-I	P	1.0138	mg/l	6/4/2021 9:26:29	
1.3PPM	A	Ammonia-I	P	1.2513	mg/l	6/4/2021 9:26:30	
2.0PPM	A	Ammonia-I	P	2.0496	mg/l	6/4/2021 9:26:31	
ICV1	S	Ammonia-I	P	0.9528	mg/l	6/4/2021 14:37:37	
ICB1	S	Ammonia-I	P	0.0286	mg/l	6/4/2021 14:37:38	
CCV1	S	Ammonia-I	P	0.9333	mg/l	6/4/2021 14:37:43	
CCB1	S	Ammonia-I	P	0.0205	mg/l	6/4/2021 14:37:45	
PB136826BL	S	Ammonia-I	P	0.0307	mg/l	6/4/2021 14:47:09	
PB136826BS	S	Ammonia-I	P	0.9692	mg/l	6/4/2021 14:47:10	
M2589-01	S	Ammonia-I	P	0.036	mg/l	6/4/2021 14:47:11	
M2589-01DUP	S	Ammonia-I	P	0.046	mg/l	6/4/2021 14:47:12	
M2589-01MS	S	Ammonia-I	P	0.9206	mg/l	6/4/2021 14:47:13	
M2589-01MSD	S	Ammonia-I	P	0.8461	mg/l	6/4/2021 14:47:14	
M2589-02	S	Ammonia-I	P	0.0303	mg/l	6/4/2021 14:47:15	
M2589-03	S	Ammonia-I	P	0.0364	mg/l	6/4/2021 14:47:16	
M2589-04	S	Ammonia-I	P	0.2605	mg/l	6/4/2021 14:47:17	
M2589-05	S	Ammonia-I	P	0.1168	mg/l	6/4/2021 14:47:18	
CCV2	S	Ammonia-I	P	0.9469	mg/l	6/4/2021 15:11:01	
CCB2	S	Ammonia-I	P	0.0281	mg/l	6/4/2021 15:11:02	
M2589-06	S	Ammonia-I	P	0.1755	mg/l	6/4/2021 15:11:04	
M2589-07	S	Ammonia-I	P	0.0533	mg/l	6/4/2021 15:11:05	
M2589-08	S	Ammonia-I	P	0.0365	mg/l	6/4/2021 15:11:06	
M2589-09	S	Ammonia-I	P	0.0345	mg/l	6/4/2021 15:11:07	
M2589-10	S	Ammonia-I	P	0.2793	mg/l	6/4/2021 15:11:08	
M2589-11	S	Ammonia-I	P	0.0299	mg/l	6/4/2021 15:11:09	
M2589-12	S	Ammonia-I	P	0.0671	mg/l	6/4/2021 15:11:10	
M2589-13	S	Ammonia-I	P	0.1096	mg/l	6/4/2021 15:11:11	
M2589-14	S	Ammonia-I	P	0.113	mg/l	6/4/2021 15:21:34	
M2589-15	S	Ammonia-I	P	0.2509	mg/l	6/4/2021 15:21:35	
CCV3	S	Ammonia-I	P	0.9447	mg/l	6/4/2021 15:21:36	
CCB3	S	Ammonia-I	P	0.0302	mg/l	6/4/2021 15:21:37	
M2589-16	S	Ammonia-I	P	0.6941	mg/l	6/4/2021 15:21:38	
M2589-17	S	Ammonia-I	P	0.3796	mg/l	6/4/2021 15:21:39	
M2589-18	S	Ammonia-I	P	0.0289	mg/l	6/4/2021 15:21:40	
M2589-19	S	Ammonia-I	P	0.0282	mg/l	6/4/2021 15:21:41	
M2589-20	S	Ammonia-I	P	0.4829	mg/l	6/4/2021 15:21:42	
CCV4	S	Ammonia-I	P	0.9372	mg/l	6/4/2021 15:21:43	
CCB4	S	Ammonia-I	P	0.0364	mg/l	6/4/2021 15:21:44	

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Reviewed by : AM Instrument ID : Konelab

6/4/2021 9:27

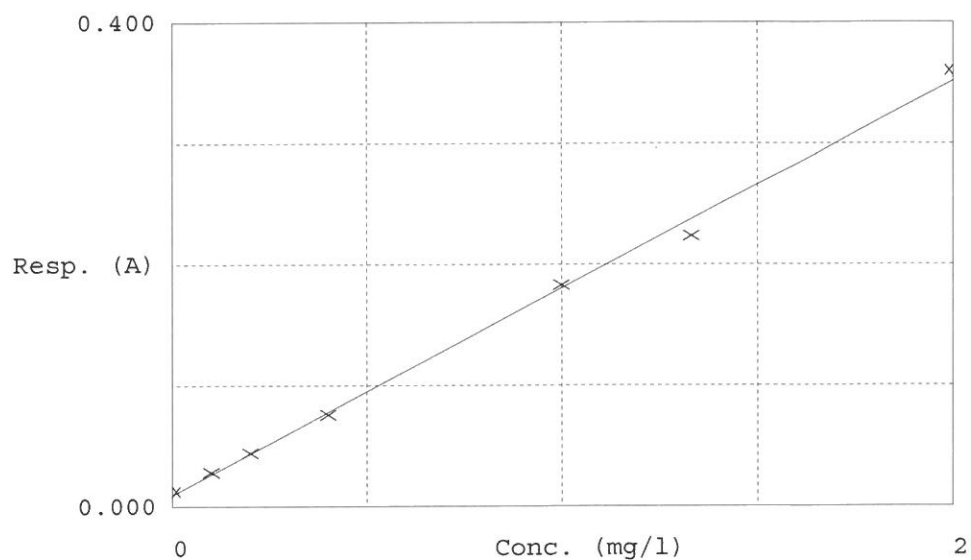
Test Ammonia-N

Accepted 6/4/2021 9:27

Factor 5.849
Bias 0.010

Coeff. of det. 0.997039

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.00PPM	0.013	0.0189	0.0000	
2	NH3-2PPM	0.028	0.1101	0.1000	10.1
3	NH3-2PPM	0.044	0.2024	0.2000	1.2
4	NH3-2PPM	0.076	0.3872	0.4000	-3.2
5	NH3-2PPM	0.183	1.0138	1.0000	1.4
6	NH3-2PPM	0.224	1.2513	1.3333	-6.2
7	NH3-2PPM	0.360	2.0496	2.0000	2.5

06/04/2021
AM