

LB 129343

Test results

Aquakem 7.2AQ1

Page: 1

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

Reviewed by : 12 Instrument ID : Konelab

2/1/2024 14:37

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.934	0.0	0.217	
ICB1	0.004	0.0	0.018	
CCV1	0.935	0.0	0.217	
CCB1	0.003	0.0	0.018	
RLCHECK	0.089	0.0	0.036	89% (50-150)
PB158716BL	0.003	0.0	0.018	12
PB158716BS	0.947	0.0	0.219	2/1/24
P1187-01	0.084	0.0	0.035	
P1187-02	0.102	0.0	0.039	
P1313-01	0.018	0.0	0.021	
P1313-01DUP	0.020	0.0	0.022	
P1313-01MS	0.997	0.0	0.230	
P1313-01MSD	0.986	0.0	0.228	
P1313-02	0.029	0.0	0.023	
CCV2	0.953	0.0	0.221	
CCB2	0.012	0.0	0.020	
P1316-01	0.016	0.0	0.021	
P1316-02	0.020	0.0	0.022	
RL CHECK	0.124	0.0	0.044	124% (50-150)
PB158715BL	0.011	0.0	0.020	12
PB158715BS	0.963	0.0	0.223	2/1/24
P1187-08	0.099	0.0	0.039	
CCV3	0.955	0.0	0.221	
CCB3	0.017	0.0	0.021	
P1269-01	1.659	0.0	0.371	
P1269-05	1.610	0.0	0.361	
P1320-01	0.017	0.0	0.021	
P1327-04	2.090	0.0	0.463	Test limit high
CCV4	0.962	0.0	0.222	
CCB4	0.011	0.0	0.020	
P1251-01	0.019	0.0	0.021	
P1251-01DUP	0.023	0.0	0.022	
P1251-01MS	0.954	0.0	0.221	
P1251-01MSD	0.942	0.0	0.218	
P1327-04DLX2	1.019	0.0	0.235	
P1187-07	0.077	0.0	0.034	
CCV5	0.947	0.0	0.219	
CCB5	0.009	0.0	0.019	

N	38
Mean	0.491
SD	0.5841
CV%	118.95

Aquakem v. 7.2AQ1

Results from time period:

Thu Feb 01 09:23:54 2024

Thu Feb 01 14:29:44 2024

Sample Id	Sam/Ctr/c#	Test short	Test type	Result	Result unit	Result date and time	Stat	Accept stat
0.0PPM	A	Ammonia-I P		0.0042	mg/l	2/1/2024 9:23:54		MA
0.1PPM	A	Ammonia-I P		0.0937	mg/l	2/1/2024 9:23:55		MA
0.2PPM	A	Ammonia-I P		0.1889	mg/l	2/1/2024 9:23:56		MA
0.4PPM	A	Ammonia-I P		0.3875	mg/l	2/1/2024 9:23:57		MA
1.0PPM	A	Ammonia-I P		1.0841	mg/l	2/1/2024 9:23:58		MA
1.3PPM	A	Ammonia-I P		1.2725	mg/l	2/1/2024 9:23:59		MA
2.0PPM	A	Ammonia-I P		2.0024	mg/l	2/1/2024 9:24:00		MA
ICV1	S	Ammonia-I P		0.9343	mg/l	2/1/2024 12:30:10		MA
ICB1	S	Ammonia-I P		0.0044	mg/l	2/1/2024 12:30:15		MA
CCV1	S	Ammonia-I P		0.9348	mg/l	2/1/2024 12:30:18		MA
CCB1	S	Ammonia-I P		0.0027	mg/l	2/1/2024 12:40:54		MA
RL CHECK	S	Ammonia-I P		0.0889	mg/l	2/1/2024 12:40:58		MA
PB158716BL	S	Ammonia-I P		0.0032	mg/l	2/1/2024 12:41:01		MA
PB158716BS	S	Ammonia-I P		0.9468	mg/l	2/1/2024 12:51:40		MA
P1187-01	S	Ammonia-I P		0.0839	mg/l	2/1/2024 12:51:45		MA
P1187-02	S	Ammonia-I P		0.1018	mg/l	2/1/2024 12:51:46		MA
P1313-01	S	Ammonia-I P		0.0185	mg/l	2/1/2024 13:02:25		MA
P1313-01DUP	S	Ammonia-I P		0.0202	mg/l	2/1/2024 13:02:27		MA
P1313-01MS	S	Ammonia-I P		0.9965	mg/l	2/1/2024 13:02:31		MA
P1313-01MSD	S	Ammonia-I P		0.9857	mg/l	2/1/2024 13:13:06		MA
P1313-02	S	Ammonia-I P		0.0287	mg/l	2/1/2024 13:13:10		MA
CCV2	S	Ammonia-I P		0.953	mg/l	2/1/2024 13:13:13		MA
CCB2	S	Ammonia-I P		0.012	mg/l	2/1/2024 13:23:50		MA
P1316-01	S	Ammonia-I P		0.0158	mg/l	2/1/2024 13:23:51		MA
P1316-02	S	Ammonia-I P		0.0196	mg/l	2/1/2024 13:23:52		MA
RL CHECK	S	Ammonia-I P		0.1243	mg/l	2/1/2024 13:23:53		MA
PB158715BL	S	Ammonia-I P		0.0113	mg/l	2/1/2024 13:23:56		MA
PB158715BS	S	Ammonia-I P		0.9627	mg/l	2/1/2024 13:23:58		MA
P1187-08	S	Ammonia-I P		0.0995	mg/l	2/1/2024 13:23:59		MA
CCV3	S	Ammonia-I P		0.9552	mg/l	2/1/2024 13:34:39		MA
CCB3	S	Ammonia-I P		0.0173	mg/l	2/1/2024 13:34:41		MA
P1269-01	S	Ammonia-I P		1.6591	mg/l	2/1/2024 13:44:41		MA
P1269-05	S	Ammonia-I P		1.6096	mg/l	2/1/2024 13:44:42		MA
P1320-01	S	Ammonia-I P		0.0172	mg/l	2/1/2024 13:44:43		MA
P1327-04	S	Ammonia-I P		2.0896	mg/l	2/1/2024 13:44:44		MA
CCV4	S	Ammonia-I P		0.9615	mg/l	2/1/2024 13:44:47		MA
CCB4	S	Ammonia-I P		0.0105	mg/l	2/1/2024 13:44:49		MA
P1251-01	S	Ammonia-I P		0.0192	mg/l	2/1/2024 14:19:31		MA
P1251-01DUP	S	Ammonia-I P		0.023	mg/l	2/1/2024 14:19:33		MA
P1251-01MS	S	Ammonia-I P		0.9536	mg/l	2/1/2024 14:19:36		MA
P1251-01MSD	S	Ammonia-I P		0.9421	mg/l	2/1/2024 14:29:34		MA
P1327-04DLX2	S	Ammonia-I P		1.019	mg/l	2/1/2024 14:29:37		MA
P1187-07	S	Ammonia-I P		0.077	mg/l	2/1/2024 14:29:40		MA
CCV5	S	Ammonia-I P		0.9473	mg/l	2/1/2024 14:29:41		MA
CCB5	S	Ammonia-I P		0.0088	mg/l	2/1/2024 14:29:43		MA

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Calibration results

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Page: 1

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12 Instrument ID : Konelab

2/1/2024 9:42

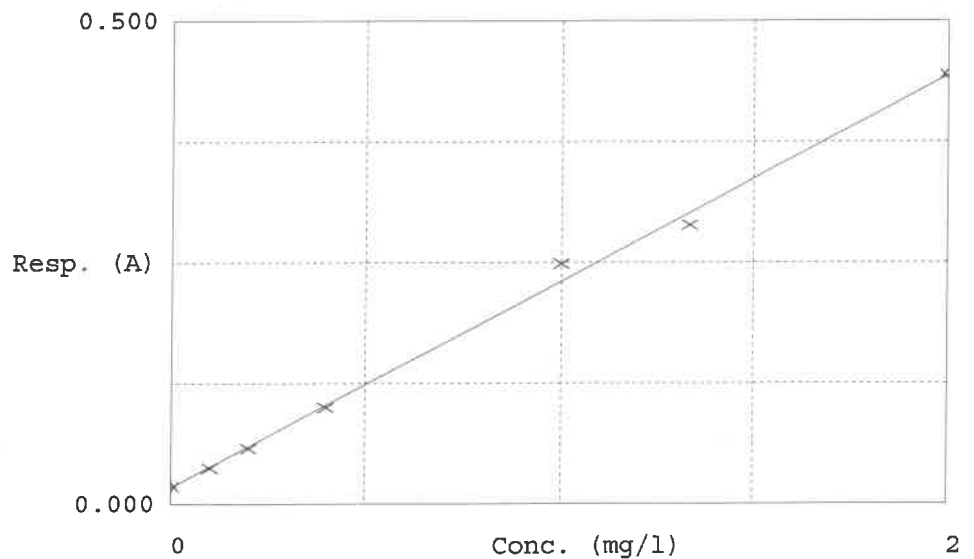
Test Ammonia-N

Accepted 2/1/2024 9:42

Factor 4.69
Bias 0.017

Coeff. of det. 0.996709

Errors



	Calibrator	Response	Calc. con.	Conc.	^{Re} Errors
1	0.00PPM	0.018	0.0042	0.0000	—
2	NH3-2PPM	0.037	0.0937	0.1000	-6.3
3	NH3-2PPM	0.058	0.1889	0.2000	-5.6
4	NH3-2PPM	0.100	0.3875	0.4000	-3.1
5	NH3-2PPM	0.248	1.0841	1.0000	8.4
6	NH3-2PPM	0.289	1.2725	1.3333	-2.1
7	NH3-2PPM	0.444	2.0024	2.0000	0.1

12
2/1/24