

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AG

10/23/2018 12:27

Test: Ammonia-N

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.994	0.0	0.221	
ICB1	0.022	0.0	0.045	
CCV1	0.969	0.0	0.216	
CCB1	0.022	0.0	0.045	
PB114028BL	0.033	0.0	0.047	
PB114028BS	1.079	0.0	0.236	
J5569-01	55.360	0.0	10.053	Abs. high, Init abs., Tes
J5569-01DUP	55.355	0.0	10.052	Abs. high, Init abs., Tes
J5569-01MS	55.358	0.0	10.053	Abs. high, Init abs., Tes
J5569-01MSD	55.357	0.0	10.053	Abs. high, Init abs., Tes
J5569-02	5.643	0.0	1.062	Test limit high
J5569-05	5.213	0.0	0.984	Test limit high
J5569-06	0.079	0.0	0.055	
J5569-07	0.080	0.0	0.056	
CCV2	0.949	0.0	0.213	
CCB2	0.021	0.0	0.045	
J5569-08	0.122	0.0	0.063	
J5569-09	0.190	0.0	0.076	
J5569-12	6.686	0.0	1.250	Test limit high
J5569-13	0.276	0.0	0.091	
J5586-01	4.513	0.0	0.857	Test limit high
J5602-02	0.132	0.0	0.065	
PB114037BL	0.027	0.0	0.046	
PB114037BS	1.019	0.0	0.225	
J5565-01	0.548	0.0	0.140	
J5565-02	0.856	0.0	0.196	
CCV3	0.990	0.0	0.220	
CCB3	0.023	0.0	0.045	
J5565-03	0.512	0.0	0.134	
J5565-04	1.933	0.0	0.391	
J5565-04DUP	1.886	0.0	0.382	
J5565-05MS	2.900	0.0	0.566	Test limit high
J5565-06MSD	2.844	0.0	0.556	Test limit high
J5565-07	5.218	0.0	0.985	Test limit high
J5565-08	2.586	0.0	0.509	Test limit high
CCV4	0.993	0.0	0.221	
CCB4	0.019	0.0	0.045	
J5569-01DLX50	1.079	0.0	0.236	
J5569-01DUPDLX50	1.104	0.0	0.241	
J5569-01MSDLX50	1.030	0.0	0.228	
J5569-01MSDDLX50	1.020	0.0	0.226	
J5569-02DLX5	1.045	0.0	0.230	
J5569-05DLX5	1.006	0.0	0.223	
J5569-12DLX5	1.282	0.0	0.273	
J5586-01DLX5	0.875	0.0	0.200	
J5565-07DLX5	1.012	0.0	0.224	
J5565-08DLX2	1.288	0.0	0.274	
CCV5	0.986	0.0	0.219	
CCB5	0.011	0.0	0.043	

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Test results

Aquakem 7.2AQ1

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10/23/2018 12:27

Test: Ammonia-N

Sample Id Result Dil. 1 + Response Ô□,,

N	49
Mean	5.766
SD	15.0218
CV%	260.51

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 23 09:59:43 2018

Tue Oct 23 12:16:18 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.1PPM	A	Ammonia-I	P	0.1027	mg/l	10/23/2018 10:19:47
0.2PPM	A	Ammonia-I	P	0.1998	mg/l	10/23/2018 10:19:48
0.4PPM	A	Ammonia-I	P	0.3912	mg/l	10/23/2018 10:19:49
1.0PPM	A	Ammonia-I	P	1.0139	mg/l	10/23/2018 10:19:50
1.3PPM	A	Ammonia-I	P	1.3266	mg/l	10/23/2018 10:19:51
2.0PPM	A	Ammonia-I	P	1.9992	mg/l	10/23/2018 10:19:52
ICV1	S	Ammonia-I	P	0.9943	mg/l	10/23/2018 11:07:40
ICB1	S	Ammonia-I	P	0.0217	mg/l	10/23/2018 11:07:41
CCV1	S	Ammonia-I	P	0.9688	mg/l	10/23/2018 11:07:42
CCB1	S	Ammonia-I	P	0.0225	mg/l	10/23/2018 11:07:43
PB114028BL	S	Ammonia-I	P	0.0335	mg/l	10/23/2018 11:07:44
PB114028BS	S	Ammonia-I	P	1.0788	mg/l	10/23/2018 11:07:45
J5569-01	S	Ammonia-I	P	55.3599	mg/l	10/23/2018 11:07:46
J5569-01DUP	S	Ammonia-I	P	55.3546	mg/l	10/23/2018 11:07:47
J5569-01MS	S	Ammonia-I	P	55.3576	mg/l	10/23/2018 11:07:48
J5569-01MSD	S	Ammonia-I	P	55.3573	mg/l	10/23/2018 11:07:49
J5569-02	S	Ammonia-I	P	5.6427	mg/l	10/23/2018 11:07:50
J5569-05	S	Ammonia-I	P	5.213	mg/l	10/23/2018 11:07:51
J5569-06	S	Ammonia-I	P	0.0789	mg/l	10/23/2018 11:18:24
J5569-07	S	Ammonia-I	P	0.0797	mg/l	10/23/2018 11:18:25
CCV2	S	Ammonia-I	P	0.9489	mg/l	10/23/2018 11:18:26
CCB2	S	Ammonia-I	P	0.0211	mg/l	10/23/2018 11:18:27
J5569-08	S	Ammonia-I	P	0.1219	mg/l	10/23/2018 11:18:28
J5569-09	S	Ammonia-I	P	0.1902	mg/l	10/23/2018 11:18:29
J5569-12	S	Ammonia-I	P	6.6864	mg/l	10/23/2018 11:18:30
J5569-13	S	Ammonia-I	P	0.2759	mg/l	10/23/2018 11:18:31
J5586-01	S	Ammonia-I	P	4.5132	mg/l	10/23/2018 11:18:32
J5602-02	S	Ammonia-I	P	0.132	mg/l	10/23/2018 11:18:33
PB114037BL	S	Ammonia-I	P	0.0265	mg/l	10/23/2018 11:18:34
PB114037BS	S	Ammonia-I	P	1.0189	mg/l	10/23/2018 11:18:35
J5565-01	S	Ammonia-I	P	0.5479	mg/l	10/23/2018 11:29:06
J5565-02	S	Ammonia-I	P	0.8555	mg/l	10/23/2018 11:29:07
CCV3	S	Ammonia-I	P	0.9897	mg/l	10/23/2018 11:29:08
CCB3	S	Ammonia-I	P	0.0232	mg/l	10/23/2018 11:29:09
J5565-03	S	Ammonia-I	P	0.5116	mg/l	10/23/2018 11:29:10
J5565-04	S	Ammonia-I	P	1.9334	mg/l	10/23/2018 11:29:11
J5565-04DUP	S	Ammonia-I	P	1.8864	mg/l	10/23/2018 11:29:12
J5565-05MS	S	Ammonia-I	P	2.9004	mg/l	10/23/2018 11:29:13
J5565-06MSD	S	Ammonia-I	P	2.8439	mg/l	10/23/2018 11:29:14
J5565-07	S	Ammonia-I	P	5.2179	mg/l	10/23/2018 11:29:15
J5565-08	S	Ammonia-I	P	2.5857	mg/l	10/23/2018 11:29:16
CCV4	S	Ammonia-I	P	0.9925	mg/l	10/23/2018 11:29:17

del

CCB4	S	Ammonia-I P	0.0194 mg/l	10/23/2018 11:34:35
J5569-01DLX50	S	Ammonia-I P	1.0792 mg/l	10/23/2018 12:16:07
J5569-01DUPDLX50	S	Ammonia-I P	1.104 mg/l	10/23/2018 12:16:08
J5569-01MSDLX50	S	Ammonia-I P	1.0303 mg/l	10/23/2018 12:16:09
J5569-01MSDDLX50	S	Ammonia-I P	1.02 mg/l	10/23/2018 12:16:10
J5569-02DLX5	S	Ammonia-I P	1.0448 mg/l	10/23/2018 12:16:11
J5569-05DLX5	S	Ammonia-I P	1.0064 mg/l	10/23/2018 12:16:12
J5569-12DLX5	S	Ammonia-I P	1.2818 mg/l	10/23/2018 12:16:13
J5586-01DLX5	S	Ammonia-I P	0.8754 mg/l	10/23/2018 12:16:14
J5565-07DLX5	S	Ammonia-I P	1.0118 mg/l	10/23/2018 12:16:15
J5565-08DLX2	S	Ammonia-I P	1.2879 mg/l	10/23/2018 12:16:16
CCV5	S	Ammonia-I P	0.9856 mg/l	10/23/2018 12:16:17
CCB5	S	Ammonia-I P	0.0113 mg/l	10/23/2018 12:16:18

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284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AC

10/23/2018 10:21

Test Ammonia-N

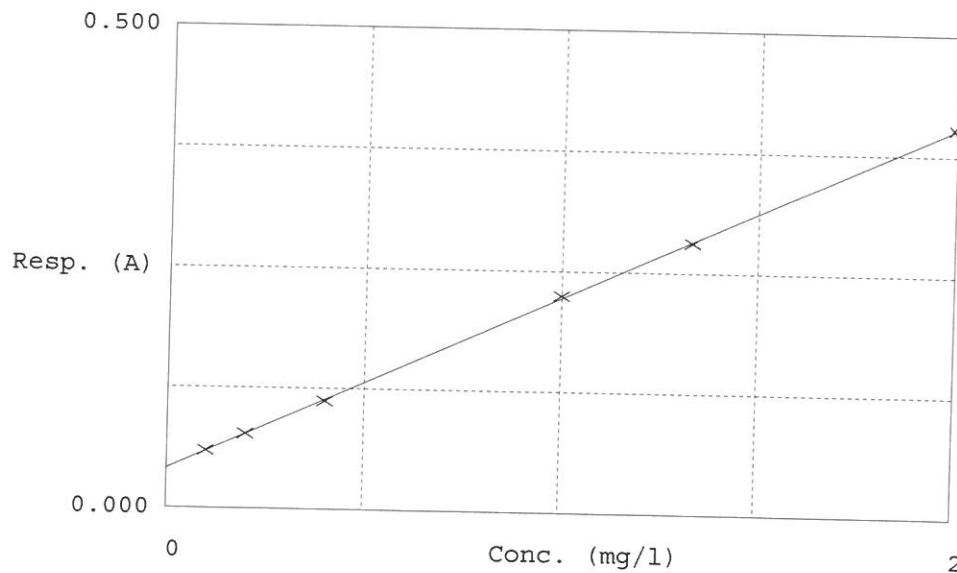
Accepted 10/23/2018 10:21

Factor 5.529

Bias 0.041

Coeff. of det. 0.999883

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.060	0.1027	0.1000	
2	NH3-2PPM	0.077	0.1998	0.2000	
3	NH3-2PPM	0.112	0.3912	0.4000	
4	NH3-2PPM	0.225	1.0139	1.0000	
5	NH3-2PPM	0.281	1.3266	1.3333	
6	NH3-2PPM	0.403	1.9992	2.0000	