

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

11/2/2017 12:55

Test: Ammonia-N

mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	0.904	0.0	0.219	
ICB1	0.034	0.0	0.026	
CCV1	0.929	0.0	0.225	
CCB1	0.071	0.0	0.034	
PB103888BL	0.070	0.0	0.034	
PB103888BS	0.899	0.0	0.218	
I6143-01	45.141	0.0	10.053	Abs. high, Init abs., Tes
I6143-01DUP	45.142	0.0	10.053	Abs. high, Init abs., Tes
I6143-01MS	45.144	0.0	10.054	Abs. high, Init abs., Tes
I6143-01MSD	45.143	0.0	10.053	Abs. high, Init abs., Tes
I6143-02	1.821	0.0	0.423	
I6143-06	45.143	0.0	10.053	Abs. high, Init abs., Tes
I6160-05	7.278	0.0	1.636	Test limit high
I6160-06	6.930	0.0	1.559	Test limit high
CCV2	0.922	0.0	0.223	
CCB2	0.032	0.0	0.026	
I6160-01	0.125	0.0	0.046	
I6160-02	0.142	0.0	0.050	
I6160-03	0.129	0.0	0.047	
I6160-04	0.117	0.0	0.045	
CCV2 CCV3	1.047	0.0	0.251	
CCB2 CCB3	0.033	0.0	0.026	
I6143-01DLX50	0.857	0.0	0.209	
I6143-06DLX50	0.886	0.0	0.215	
I6160-05DLX10	0.705	0.0	0.175	
I6160-06DLX10	0.660	0.0	0.165	
CCV4	1.035	0.0	0.249	
CCB4	0.031	0.0	0.025	
PB103889BL	0.030	0.0	0.025	
PB103889BS	0.814	0.0	0.199	
I6157-01	0.697	0.0	0.173	
I6157-01DUP	0.711	0.0	0.176	
I6157-01MS	1.552	0.0	0.363	
I6157-01MSD	1.627	0.0	0.380	
I6157-02	0.616	0.0	0.155	
I6157-03	1.053	0.0	0.253	
I6157-04	1.556	0.0	0.364	
I6157-05	1.674	0.0	0.391	
CCV5	1.077	0.0	0.258	
CCB5	0.038	0.0	0.027	
I6157-06	1.760	0.0	0.410	
CCV6	0.984	0.0	0.237	
CCB6	0.035	0.0	0.026	

N 43
Mean 6.177
SD 14.3758
CV% 232.74

Aquakem v. 7.2AQ1

Results from time period:

Thu Nov 02 09:01:46 2017

Thu Nov 02 12:54:29 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.1PPM	A	Ammonia-I	P	0.1128	mg/l	11/2/2017 9:01:46	
0.2PPM	A	Ammonia-I	P	0.1901	mg/l	11/2/2017 9:01:47	
0.4PPM	A	Ammonia-I	P	0.413	mg/l	11/2/2017 9:01:48	
1.0PPM	A	Ammonia-I	P	0.9701	mg/l	11/2/2017 9:01:49	
1.3PPM	A	Ammonia-I	P	1.3374	mg/l	11/2/2017 9:01:50	
2.0PPM	A	Ammonia-I	P	2.01	mg/l	11/2/2017 9:01:51	
ICV1	S	Ammonia-I	P	0.9043	mg/l	11/2/2017 10:01:06	
ICB1	S	Ammonia-I	P	0.0341	mg/l	11/2/2017 10:01:07	
CCV1	S	Ammonia-I	P	0.929	mg/l	11/2/2017 10:11:55	
CCB1	S	Ammonia-I	P	0.0713	mg/l	11/2/2017 10:11:56	
PB103888BL	S	Ammonia-I	P	0.0699	mg/l	11/2/2017 10:11:58	
PB103888BS	S	Ammonia-I	P	0.899	mg/l	11/2/2017 10:11:59	
I6143-01	S	Ammonia-I	P	45.1411	mg/l	11/2/2017 10:12:00	
I6143-01DUP	S	Ammonia-I	P	45.1423	mg/l	11/2/2017 10:22:30	
I6143-01MS	S	Ammonia-I	P	45.1439	mg/l	11/2/2017 10:22:31	
I6143-01MSD	S	Ammonia-I	P	45.1433	mg/l	11/2/2017 10:22:32	
I6143-02	S	Ammonia-I	P	1.8207	mg/l	11/2/2017 10:22:33	
I6143-06	S	Ammonia-I	P	45.1432	mg/l	11/2/2017 10:22:34	
I6160-05	S	Ammonia-I	P	7.2781	mg/l	11/2/2017 10:22:41	
I6160-06	S	Ammonia-I	P	6.9295	mg/l	11/2/2017 11:05:25	
CCV2	S	Ammonia-I	P	0.9222	mg/l	11/2/2017 11:05:26	
CCB2	S	Ammonia-I	P	0.0324	mg/l	11/2/2017 11:05:27	
I6160-01	S	Ammonia-I	P	0.1252	mg/l	11/2/2017 11:31:41	
I6160-02	S	Ammonia-I	P	0.1423	mg/l	11/2/2017 11:31:42	
I6160-03	S	Ammonia-I	P	0.1291	mg/l	11/2/2017 11:31:43	
I6160-04	S	Ammonia-I	P	0.1174	mg/l	11/2/2017 11:31:44	
CCV3	S	Ammonia-I	P	1.0474	mg/l	11/2/2017 11:31:45	
CCB3	S	Ammonia-I	P	0.0325	mg/l	11/2/2017 11:31:46	
I6143-01DLX50	S	Ammonia-I	P	0.857	mg/l	11/2/2017 11:59:13	
I6143-06DLX50	S	Ammonia-I	P	0.886	mg/l	11/2/2017 11:59:14	
I6160-05DLX10	S	Ammonia-I	P	0.7055	mg/l	11/2/2017 11:59:15	
I6160-06DLX10	S	Ammonia-I	P	0.6598	mg/l	11/2/2017 11:59:16	
CCV4	S	Ammonia-I	P	1.035	mg/l	11/2/2017 11:59:17	
CCB4	S	Ammonia-I	P	0.031	mg/l	11/2/2017 11:59:18	
PB103889BL	S	Ammonia-I	P	0.0298	mg/l	11/2/2017 12:26:38	
PB103889BS	S	Ammonia-I	P	0.8144	mg/l	11/2/2017 12:26:39	
I6157-01	S	Ammonia-I	P	0.6967	mg/l	11/2/2017 12:26:40	
I6157-01DUP	S	Ammonia-I	P	0.7108	mg/l	11/2/2017 12:26:41	
I6157-01MS	S	Ammonia-I	P	1.552	mg/l	11/2/2017 12:26:42	
I6157-01MSD	S	Ammonia-I	P	1.6266	mg/l	11/2/2017 12:26:43	
I6157-02	S	Ammonia-I	P	0.6161	mg/l	11/2/2017 12:26:44	
I6157-03	S	Ammonia-I	P	1.0531	mg/l	11/2/2017 12:26:45	

AS

I6157-04	S	Ammonia-I P	1.5558 mg/l	11/2/2017 12:26:46
I6157-05	S	Ammonia-I P	1.6741 mg/l	11/2/2017 12:26:47
CCV5	S	Ammonia-I P	1.077 mg/l	11/2/2017 12:32:08
CCB5	S	Ammonia-I P	0.0382 mg/l	11/2/2017 12:32:09
I6157-06	S	Ammonia-I P	1.7603 mg/l	11/2/2017 12:54:24
CCV6	S	Ammonia-I P	0.9835 mg/l	11/2/2017 12:54:28
CCB6	S	Ammonia-I P	0.0345 mg/l	11/2/2017 12:54:29

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

11/2/2017 9:03

Test Ammonia-N

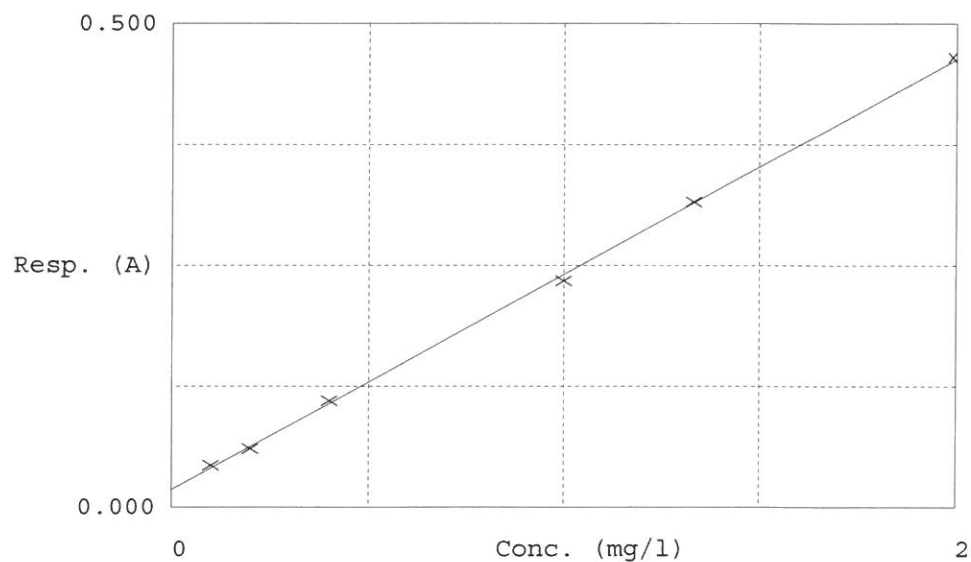
Accepted 11/2/2017 9:03

Factor 4.499

Bias 0.018

Coeff. of det. 0.999480

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	NH3-2PPM	0.044	0.1128	0.1000	
2	NH3-2PPM	0.061	0.1901	0.2000	
3	NH3-2PPM	0.110	0.4130	0.4000	
4	NH3-2PPM	0.234	0.9701	1.0000	
5	NH3-2PPM	0.316	1.3374	1.3333	
6	NH3-2PPM	0.465	2.0100	2.0000	