

Test results

Aquakem 7.2AQ1

Page: 1

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

2/1/2018 9:16

Test: TKN-NH3 mg/d

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.193	0.0	1.020	
ICB1	0.078	0.0	0.029	
CCV1	5.189	0.0	1.020	
CCB1	0.075	0.0	0.028	
PB106134BL	0.074	0.0	0.028	
PB106134BS	5.726	0.0	1.124	
J1161-01	0.298	0.0	0.071	
J1161-02	1.050	0.0	0.217	
J1161-03	0.257	0.0	0.063	
PB106219BL	0.102	0.0	0.033	
PB106219BS	5.409	0.0	1.062	
J1364-14	1.882	0.0	0.378	
J1364-14DUP	1.934	0.0	0.389	
J1364-14MS	7.180	0.0	1.406	
CCV2	5.090	0.0	1.000	
CCB2	0.097	0.0	0.032	
J1364-14MSD	6.934	0.0	1.358	
J1364-15	2.454	0.0	0.489	
J1364-16	2.190	0.0	0.438	
J1364-17	13.133	0.0	2.560	Init abs., Test limit hig
CCV3	5.519	0.0	1.084	
CCB3	0.089	0.0	0.031	
J1364-17DLX2	6.631	0.0	1.299	
CCV4	5.199	0.0	1.022	
CCB4	0.085	0.0	0.030	

N 25
Mean 3.275
SD 3.3338
CV% 101.80

AS

Aquakem v. 7.2AQ1

Results from time period:

Thu Feb 01 07:46:32 2018

Thu Feb 01 09:12:06 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and tin	Stat
0.5PPM	A	TKN-NH3	P	0.5052	mg/l	2/1/2018 7:46:32	
1.0PPM	A	TKN-NH3	P	0.9833	mg/l	2/1/2018 7:46:33	
2.5PPM	A	TKN-NH3	P	2.3968	mg/l	2/1/2018 7:46:34	
5.0PPM	A	TKN-NH3	P	5.163	mg/l	2/1/2018 7:46:35	
6.7PPM	A	TKN-NH3	P	6.6845	mg/l	2/1/2018 7:46:36	
10.0PPM	A	TKN-NH3	P	9.9338	mg/l	2/1/2018 7:46:37	
ICV1	S	TKN-NH3	P	5.1931	mg/l	2/1/2018 8:20:26	
ICB1	S	TKN-NH3	P	0.0783	mg/l	2/1/2018 8:20:27	
CCV1	S	TKN-NH3	P	5.1893	mg/l	2/1/2018 8:20:29	
CCB1	S	TKN-NH3	P	0.0753	mg/l	2/1/2018 8:20:32	
PB106134BL	S	TKN-NH3	P	0.0739	mg/l	2/1/2018 8:20:33	
PB106134BS	S	TKN-NH3	P	5.7263	mg/l	2/1/2018 8:20:34	
J1161-01	S	TKN-NH3	P	0.2978	mg/l	2/1/2018 8:20:35	
J1161-02	S	TKN-NH3	P	1.0497	mg/l	2/1/2018 8:20:36	
J1161-03	S	TKN-NH3	P	0.2569	mg/l	2/1/2018 8:31:07	
PB106219BL	S	TKN-NH3	P	0.1021	mg/l	2/1/2018 8:31:08	
PB106219BS	S	TKN-NH3	P	5.4086	mg/l	2/1/2018 8:31:09	
J1364-14	S	TKN-NH3	P	1.8818	mg/l	2/1/2018 8:31:10	
J1364-14DUP	S	TKN-NH3	P	1.9342	mg/l	2/1/2018 8:31:11	
J1364-14MS	S	TKN-NH3	P	7.1801	mg/l	2/1/2018 8:31:12	
CCV2	S	TKN-NH3	P	5.0901	mg/l	2/1/2018 8:31:13	
CCB2	S	TKN-NH3	P	0.0971	mg/l	2/1/2018 8:31:14	
J1364-14MSD	S	TKN-NH3	P	6.9344	mg/l	2/1/2018 8:31:15	
J1364-15	S	TKN-NH3	P	2.4535	mg/l	2/1/2018 8:31:16	
J1364-16	S	TKN-NH3	P	2.1896	mg/l	2/1/2018 8:31:17	
J1364-17	S	TKN-NH3	P	13.1326	mg/l	2/1/2018 8:31:18	
CCV3	S	TKN-NH3	P	5.519	mg/l	2/1/2018 8:36:01	
CCB3	S	TKN-NH3	P	0.0886	mg/l	2/1/2018 8:36:02	
J1364-17DLX2	S	TKN-NH3	P	6.6314	mg/l	2/1/2018 9:12:04	
CCV4	S	TKN-NH3	P	5.1994	mg/l	2/1/2018 9:12:05	
CCB4	S	TKN-NH3	P	0.0845	mg/l	2/1/2018 9:12:06	

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2/1/2018 7:48

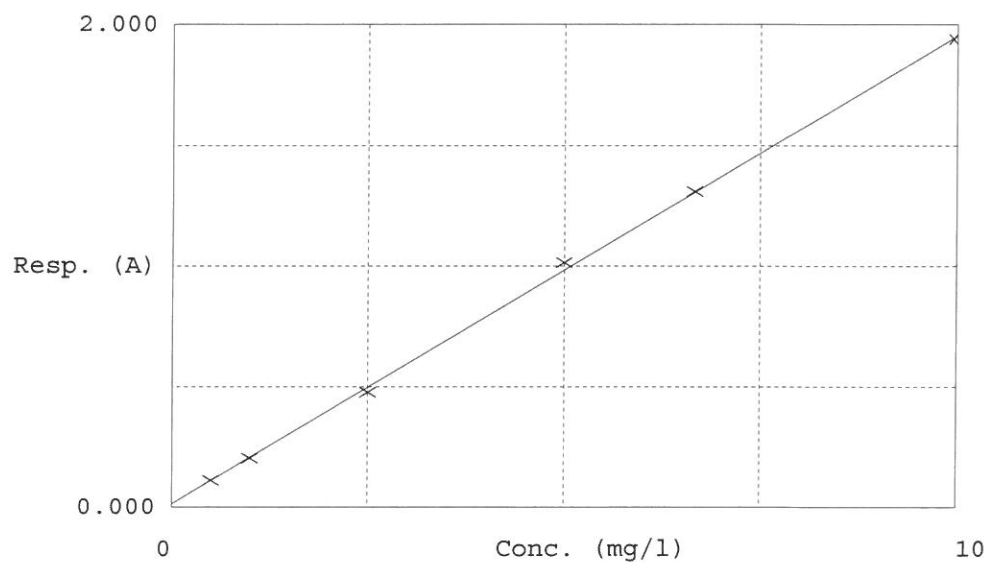
Test TKN-NH3

Accepted 2/1/2018 7:48

Factor 5.158
Bias 0.014

Coeff. of det. 0.999372

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.111	0.5052	0.5000	
2	TKN-10	0.204	0.9833	1.0000	
3	TKN-10	0.478	2.3968	2.5000	
4	TKN-10	1.015	5.1630	5.0000	
5	TKN-10	1.310	6.6845	6.6667	
6	TKN-10	1.940	9.9338	10.0000	