

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

10/31/2017 14:30

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.946	0.0	1.005	
ICB1	0.126	0.0	0.027	
CCV1	5.037	0.0	1.023	
CCB1	0.128	0.0	0.028	
PB103755BL	0.114	0.0	0.025	
PB103755BS	5.098	0.0	1.036	
I6140-01	0.654	0.0	0.134	
I6140-01DUP	0.640	0.0	0.131	
I6140-01MS	5.026	0.0	1.021	
I6140-01MSD	5.014	0.0	1.019	
I6179-01	0.629	0.0	0.129	
I6179-02	0.748	0.0	0.154	
I6179-03	0.520	0.0	0.107	
I6179-04	0.578	0.0	0.119	
CCV2	4.907	0.0	0.997	
CCB2	0.130	0.0	0.028	
I6179-05	0.903	0.0	0.185	
I6179-06	3.872	0.0	0.787	
I6179-07	1.022	0.0	0.209	
I6179-08	1.146	0.0	0.234	
I6179-09	1.162	0.0	0.237	
I6179-10	0.667	0.0	0.137	
I6179-11	0.574	0.0	0.118	
I6199-01	0.376	0.0	0.078	
I6199-02	3.105	0.0	0.631	
I6199-03	8.656	0.0	1.757	
CCV3	5.070	0.0	1.030	
CCB3	0.135	0.0	0.029	
DOC-1	4.949	0.0	1.006	
DOC-2	5.075	0.0	1.031	
DOC-3	4.789	0.0	0.973	
DOC-4	5.057	0.0	1.027	
CCV4	5.264	0.0	1.069	
CCB4	0.135	0.0	0.029	

N	34
Mean	2.537
SD	2.4069
CV%	94.87

Aquakem v. 7.2AQ1

Results from time period:

Tue Oct 31 13:05:29 2017

Tue Oct 31 14:23:13 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.558	mg/l	10/31/2017 13:05:29	
1.0PPM	A	TKN-NH3	P	0.9701	mg/l	10/31/2017 13:05:30	
2.5PPM	A	TKN-NH3	P	2.4263	mg/l	10/31/2017 13:05:31	
5.0PPM	A	TKN-NH3	P	4.9294	mg/l	10/31/2017 13:05:32	
6.7PPM	A	TKN-NH3	P	6.8537	mg/l	10/31/2017 13:05:33	
10.0PPM	A	TKN-NH3	P	9.9291	mg/l	10/31/2017 13:05:34	
ICV1	S	TKN-NH3	P	4.9459	mg/l	10/31/2017 13:56:54	
ICB1	S	TKN-NH3	P	0.1256	mg/l	10/31/2017 13:56:55	
CCV1	S	TKN-NH3	P	5.0374	mg/l	10/31/2017 13:56:58	
CCB1	S	TKN-NH3	P	0.1285	mg/l	10/31/2017 13:56:59	
PB103755ES		TKN-NH3	P	0.1144	mg/l	10/31/2017 13:57:01	
PB103755ES		TKN-NH3	P	5.0985	mg/l	10/31/2017 13:57:02	
I6140-01	S	TKN-NH3	P	0.6536	mg/l	10/31/2017 13:57:03	
I6140-01DIS		TKN-NH3	P	0.6396	mg/l	10/31/2017 13:57:04	
I6140-01MS		TKN-NH3	P	5.0259	mg/l	10/31/2017 14:07:37	
I6140-01MS		TKN-NH3	P	5.0145	mg/l	10/31/2017 14:07:38	
I6179-01	S	TKN-NH3	P	0.6288	mg/l	10/31/2017 14:07:39	
I6179-02	S	TKN-NH3	P	0.7482	mg/l	10/31/2017 14:07:40	
I6179-03	S	TKN-NH3	P	0.5199	mg/l	10/31/2017 14:07:41	
I6179-04	S	TKN-NH3	P	0.578	mg/l	10/31/2017 14:07:42	
CCV2	S	TKN-NH3	P	4.9068	mg/l	10/31/2017 14:07:43	
CCB2	S	TKN-NH3	P	0.1304	mg/l	10/31/2017 14:07:44	
I6179-05	S	TKN-NH3	P	0.9032	mg/l	10/31/2017 14:07:45	
I6179-06	S	TKN-NH3	P	3.8719	mg/l	10/31/2017 14:07:46	
I6179-07	S	TKN-NH3	P	1.0224	mg/l	10/31/2017 14:07:47	
I6179-08	S	TKN-NH3	P	1.1458	mg/l	10/31/2017 14:07:48	
I6179-09	S	TKN-NH3	P	1.1622	mg/l	10/31/2017 14:18:18	
I6179-10	S	TKN-NH3	P	0.6672	mg/l	10/31/2017 14:18:19	
I6179-11	S	TKN-NH3	P	0.5735	mg/l	10/31/2017 14:18:20	
I6199-01	S	TKN-NH3	P	0.3763	mg/l	10/31/2017 14:18:21	
I6199-02	S	TKN-NH3	P	3.1045	mg/l	10/31/2017 14:18:22	
I6199-03	S	TKN-NH3	P	8.656	mg/l	10/31/2017 14:18:23	
CCV3	S	TKN-NH3	P	5.0705	mg/l	10/31/2017 14:18:24	
CCB3	S	TKN-NH3	P	0.1352	mg/l	10/31/2017 14:18:25	
DOC-1	S	TKN-NH3	P	4.9495	mg/l	10/31/2017 14:18:26	
DOC-2	S	TKN-NH3	P	5.0755	mg/l	10/31/2017 14:18:27	
DOC-3	S	TKN-NH3	P	4.789	mg/l	10/31/2017 14:18:28	
DOC-4	S	TKN-NH3	P	5.0573	mg/l	10/31/2017 14:18:29	
CCV4	S	TKN-NH3	P	5.264	mg/l	10/31/2017 14:23:12	
CCB4	S	TKN-NH3	P	0.1354	mg/l	10/31/2017 14:23:13	

CHEMTECH
284 Sheffield Street,
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10/31/2017 15:29

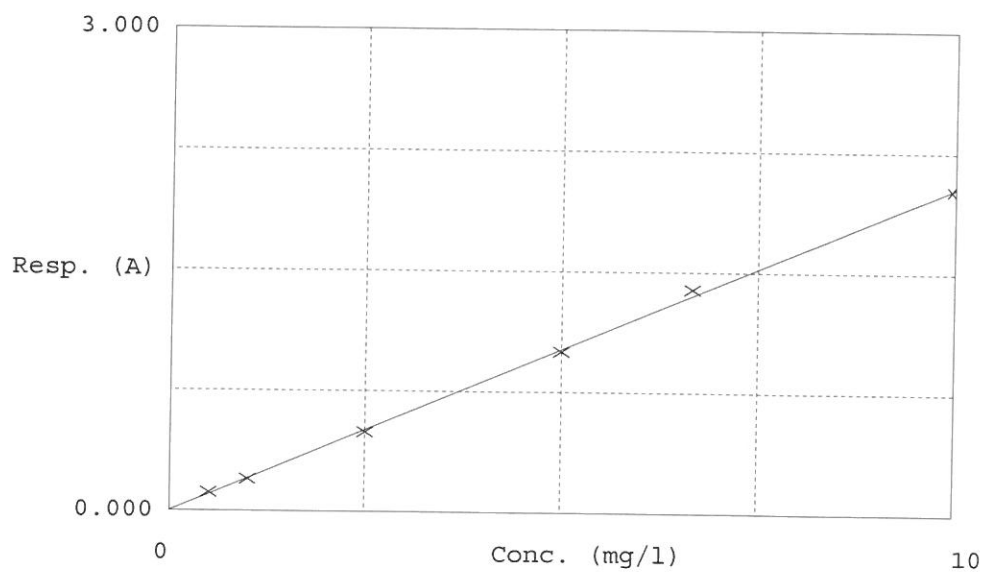
Test TKN-NH3

Accepted 10/31/2017 13:08

Factor 4.931
Bias 0.002

Coeff. of det. 0.999187

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.115	0.5580	0.5000	
2	TKN-10	0.199	0.9701	1.0000	
3	TKN-10	0.494	2.4263	2.5000	
4	TKN-10	1.002	4.9294	5.0000	
5	TKN-10	1.392	6.8537	6.6667	
6	TKN-10	2.016	9.9291	10.0000	