

Test results

Aquakem 7.2AQ1

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

5/31/2018 15:30

Test: TKN-NH3mg/d

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.140	0.0	1.245	
ICB1	0.079	0.0	0.040	
CCV1	5.429	0.0	1.314	
CCB1	0.078	0.0	0.040	
PB109683BL	0.082	0.0	0.040	
PB109683BS	5.064	0.0	1.227	
J3135-01	8.615	0.0	2.073	
J3135-01DUP	8.310	0.0	2.000	
J3135-01MS	10.212	0.0	2.453	Test limit high
J3135-01MSD	10.263	0.0	2.465	Test limit high
J3135-02	42.140	0.0	10.056	Abs. high, Init abs., Tes
J3135-03	42.137	0.0	10.056	Abs. high, Init abs., Tes
J3135-04	13.706	0.0	3.285	Init abs., Test limit hig
PB109795BL	0.105	0.0	0.046	
CCV2	5.542	0.0	1.341	
CCB2	0.090	0.0	0.042	
PB109795BS	4.877	0.0	1.183	
J3169-01	6.732	0.0	1.624	
J3169-04	6.916	0.0	1.668	
J3169-07	6.465	0.0	1.561	
J3169-07DUP	6.695	0.0	1.615	
J3169-08	10.386	0.0	2.494	Init abs., Test limit hig
J3169-09	10.399	0.0	2.497	Init abs., Test limit hig
J3169-10	0.284	0.0	0.089	
J3169-14	42.139	0.0	10.056	Abs. high, Init abs., Tes
CCV3	5.491	0.0	1.329	
CCB3	0.112	0.0	0.048	
J3135-02DLX10	4.367	0.0	1.061	
J3135-04DLX2	7.052	0.0	1.700	
J3169-14DLX10	2.430	0.0	0.600	
J3135-03DLX10	5.496	0.0	1.330	
CCV4	5.757	0.0	1.392	
CCB4	0.102	0.0	0.045	

N	33
Mean	8.566
SD	11.3829
CV%	132.88

Aquakem v. 7.2AQ1

Results from time period:

Thu May 31 13:19:15 2018

Thu May 31 15:18:11 2018



Sample Id	Sam/Ctr/c/	Test short na	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.5478	mg/l	5/31/2018 13:19:15	
1.0PPM	A	TKN-NH3	P	1.0195	mg/l	5/31/2018 13:19:16	
2.5PPM	A	TKN-NH3	P	2.5138	mg/l	5/31/2018 13:19:17	
5.0PPM	A	TKN-NH3	P	4.9341	mg/l	5/31/2018 13:19:18	
6.7PPM	A	TKN-NH3	P	6.5456	mg/l	5/31/2018 13:19:19	
10.0PPM	A	TKN-NH3	P	10.1059	mg/l	5/31/2018 13:19:20	
ICV1	S	TKN-NH3	P	5.1399	mg/l	5/31/2018 13:52:35	
ICB1	S	TKN-NH3	P	0.0787	mg/l	5/31/2018 13:52:36	
CCV1	S	TKN-NH3	P	5.4295	mg/l	5/31/2018 13:52:37	
CCB1	S	TKN-NH3	P	0.078	mg/l	5/31/2018 13:52:38	
PB109683BL	S	TKN-NH3	P	0.0817	mg/l	5/31/2018 13:52:39	
PB109683BS	S	TKN-NH3	P	5.0642	mg/l	5/31/2018 13:52:40	
J3135-01	S	TKN-NH3	P	8.6146	mg/l	5/31/2018 13:52:41	
J3135-01DUP	S	TKN-NH3	P	8.3095	mg/l	5/31/2018 13:52:42	
J3135-01MS	S	TKN-NH3	P	10.2118	mg/l	5/31/2018 13:52:43	
J3135-01MSD	S	TKN-NH3	P	10.2628	mg/l	5/31/2018 13:52:44	
J3135-02	S	TKN-NH3	P	42.1402	mg/l	5/31/2018 13:52:45	
J3135-03	S	TKN-NH3	P	42.137	mg/l	5/31/2018 13:52:46	
J3135-04	S	TKN-NH3	P	13.706	mg/l	5/31/2018 14:03:15	
PB109795BL	S	TKN-NH3	P	0.1046	mg/l	5/31/2018 14:03:16	
CCV2	S	TKN-NH3	P	5.5422	mg/l	5/31/2018 14:03:17	
CCB2	S	TKN-NH3	P	0.0898	mg/l	5/31/2018 14:03:18	
PB109795BS	S	TKN-NH3	P	4.8773	mg/l	5/31/2018 14:03:19	
J3169-01	S	TKN-NH3	P	6.7321	mg/l	5/31/2018 14:03:20	
J3169-04	S	TKN-NH3	P	6.9161	mg/l	5/31/2018 14:03:21	
J3169-07	S	TKN-NH3	P	6.4649	mg/l	5/31/2018 14:03:22	
J3169-07DUP	S	TKN-NH3	P	6.6945	mg/l	5/31/2018 14:03:23	
J3169-08	S	TKN-NH3	P	10.386	mg/l	5/31/2018 14:03:24	
J3169-09	S	TKN-NH3	P	10.3988	mg/l	5/31/2018 14:03:25	
J3169-10	S	TKN-NH3	P	0.2836	mg/l	5/31/2018 14:03:26	
J3169-14	S	TKN-NH3	P	42.1391	mg/l	5/31/2018 14:09:19	
CCV3	S	TKN-NH3	P	5.491	mg/l	5/31/2018 14:09:20	
CCB3	S	TKN-NH3	P	0.1123	mg/l	5/31/2018 14:09:21	
J3135-02DLX10	S	TKN-NH3	P	4.3675	mg/l	5/31/2018 14:39:11	
J3135-04DLX2	S	TKN-NH3	P	7.0518	mg/l	5/31/2018 14:39:13	
J3169-14DLX10	S	TKN-NH3	P	2.4305	mg/l	5/31/2018 14:39:14	
J3135-03DLX10	S	TKN-NH3	P	5.4963	mg/l	5/31/2018 15:18:09	
CCV4	S	TKN-NH3	P	5.757	mg/l	5/31/2018 15:18:10	
CCB4	S	TKN-NH3	P	0.102	mg/l	5/31/2018 15:18:11	

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5/31/2018 13:22

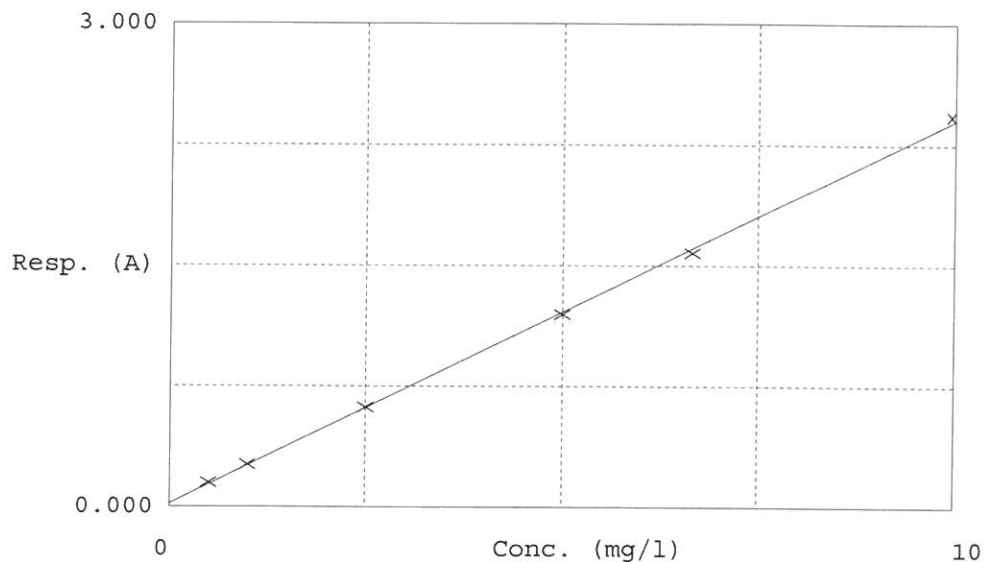
Test TKN-NH3

Accepted 5/31/2018 13:22

Factor 4.199
Bias 0.021

Coeff. of det. 0.999508

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.151	0.5478	0.5000	
2	TKN-10	0.264	1.0195	1.0000	
3	TKN-10	0.620	2.5138	2.5000	
4	TKN-10	1.196	4.9341	5.0000	
5	TKN-10	1.580	6.5456	6.6667	
6	TKN-10	2.428	10.1059	10.0000	