

LB89401

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

8/10/2017 15:49

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.138	0.0	1.322	
ICB1	0.092	0.0	0.112	
CCV1	5.163	0.0	1.328	
CCB1	0.095	0.0	0.112	
PB101379BL	0.093	0.0	0.112	
PB101379BS	5.253	0.0	1.350	
I4664-01	0.866	0.0	0.297	
I4664-01DUP	0.870	0.0	0.298	
I4664-01MS	6.161	0.0	1.567	
I4664-01MSD	6.156	0.0	1.566	
I4681-10	15.116	0.0	3.715	Init abs., Test limit hig
DOC1	5.265	0.0	1.352	
DOC2	5.192	0.0	1.335	
CCV2	5.176	0.0	1.331	
CCB2	0.103	0.0	0.114	
DOC3	5.280	0.0	1.356	
DOC4	5.189	0.0	1.334	
CCV3	5.278	0.0	1.356	
CCB3	0.111	0.0	0.116	
I4681-10DLX2	8.016	0.0	2.012	
I4681-11	3.354	0.0	0.894	
CCV4	5.434	0.0	1.393	
CCB4	0.110	0.0	0.116	

N	23
Mean	4.066
SD	3.5391
CV%	87.05

Aquakem v. 7.2AQ1

Results from time period:

Thu Aug 10 13:11:45 2017

Thu Aug 10 15:42:55 2017

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.5426	mg/l	8/10/2017 13:38:56	
1.0PPM	A	TKN-NH3	P	1.0584	mg/l	8/10/2017 13:38:57	
2.5PPM	A	TKN-NH3	P	2.5139	mg/l	8/10/2017 13:38:58	
5.0PPM	A	TKN-NH3	P	4.8706	mg/l	8/10/2017 13:38:59	
6.7PPM	A	TKN-NH3	P	6.5503	mg/l	8/10/2017 13:39:00	
10.0PPM	A	TKN-NH3	P	10.1309	mg/l	8/10/2017 13:39:01	
ICV1	S	TKN-NH3	P	5.1383	mg/l	8/10/2017 14:22:46	
ICB1	S	TKN-NH3	P	0.0917	mg/l	8/10/2017 14:22:47	
CCV1	S	TKN-NH3	P	5.1631	mg/l	8/10/2017 14:22:50	
CCB1	S	TKN-NH3	P	0.0945	mg/l	8/10/2017 14:22:51	
PB101379BL	S	TKN-NH3	P	0.0933	mg/l	8/10/2017 14:22:53	
PB101379BS	S	TKN-NH3	P	5.2531	mg/l	8/10/2017 14:22:54	
I4664-01	S	TKN-NH3	P	0.8658	mg/l	8/10/2017 14:22:56	
I4664-01DUP	S	TKN-NH3	P	0.8704	mg/l	8/10/2017 14:33:26	
I4664-01MS	S	TKN-NH3	P	6.1611	mg/l	8/10/2017 14:33:27	
I4664-01MSD	S	TKN-NH3	P	6.1557	mg/l	8/10/2017 14:33:28	
I4681-10	S	TKN-NH3	P	15.1159	mg/l	8/10/2017 14:33:29	
DOC1	S	TKN-NH3	P	5.2651	mg/l	8/10/2017 14:33:31	
DOC2	S	TKN-NH3	P	5.1925	mg/l	8/10/2017 14:33:32	
CCV2	S	TKN-NH3	P	5.1762	mg/l	8/10/2017 14:33:33	
CCB2	S	TKN-NH3	P	0.1029	mg/l	8/10/2017 14:33:34	
DOC3	S	TKN-NH3	P	5.2797	mg/l	8/10/2017 14:33:35	
DOC4	S	TKN-NH3	P	5.1888	mg/l	8/10/2017 14:33:36	
CCV3	S	TKN-NH3	P	5.2783	mg/l	8/10/2017 14:33:37	
CCB3	S	TKN-NH3	P	0.111	mg/l	8/10/2017 14:36:42	
I4681-10DLX2	S	TKN-NH3	P	8.016	mg/l	8/10/2017 15:01:40	
I4681-11	S	TKN-NH3	P	3.3538	mg/l	8/10/2017 15:42:51	
CCV4	S	TKN-NH3	P	5.4341	mg/l	8/10/2017 15:42:54	
CCB4	S	TKN-NH3	P	0.1095	mg/l	8/10/2017 15:42:55	

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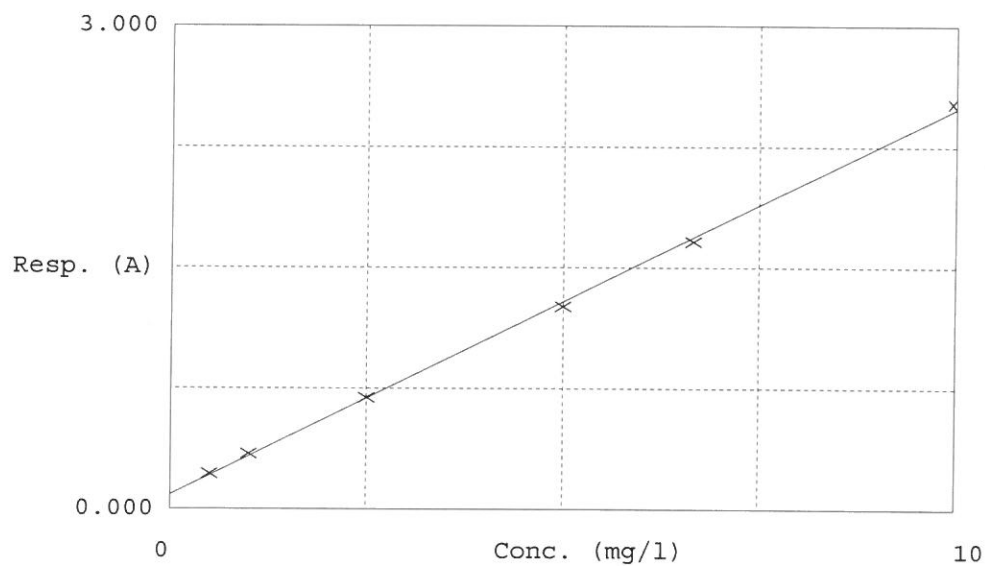
Test TKN-NH3

Accepted 8/10/2017 13:48

Factor 4.169
 Bias 0.090

Coeff. of det. 0.999214

Errors Meas. error



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.220	0.5426	0.5000	
2	TKN-10	0.344	1.0584	1.0000	
3	TKN-10	0.693	2.5139	2.5000	
4	TKN-10	1.258	4.8706	5.0000	
5	TKN-10	1.661	6.5503	6.6667	
6	TKN-10	2.520	10.1309	10.0000	Init abs.