

LB-87727

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

5/26/2017 15:37

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.929	0.0	1.248	
ICB1	0.124	0.0	0.051	
CCV1	4.698	0.0	1.191	
CCB1	0.122	0.0	0.051	
PB99243BL	0.126	0.0	0.052	
PB99243BS	4.965	0.0	1.257	
I3245-01	15.512	0.0	3.884	Init abs., Test limit hig
I3245-01DUP	15.822	0.0	3.961	Init abs., Test limit hig
I3245-02	15.328	0.0	3.838	Init abs., Test limit hig
I3245-03	14.362	0.0	3.598	Init abs., Test limit hig
I3245-04MS	28.309	0.0	7.071	Abs. high, Init abs., Tes
I3245-05MSD	40.296	0.0	10.057	Abs. high, Init abs., Tes
I3245-06	0.279	0.0	0.090	
I3282-01	40.296	0.0	10.057	Abs. high, Init abs., Tes
CCV2	4.751	0.0	1.204	
CCB2	0.154	0.0	0.059	
I3282-02	40.296	0.0	10.057	Abs. high, Init abs., Tes
I3282-03	4.613	0.0	1.170	
I3282-04	40.295	0.0	10.056	Abs. high, Init abs., Tes
I3282-05	7.636	0.0	1.923	
I3282-06	40.294	0.0	10.056	Abs. high, Init abs., Tes
I3282-07	1.044	0.0	0.281	
I3291-01	1.804	0.0	0.470	
I3303-01	1.371	0.0	0.362	
I3316-01	0.257	0.0	0.085	
CCV3	4.950	0.0	1.254	
CCB3	0.132	0.0	0.053	
I3245-01DLX5	3.162	0.0	0.808	
I3245-01DUPDLX5	3.150	0.0	0.805	
I3245-02DLX2	7.771	0.0	1.956	
I3245-03DLX2	7.607	0.0	1.915	
I3245-04MSDLX5	3.509	0.0	0.895	
I3245-05MSDDLX5	3.459	0.0	0.882	
I3282-01DLX10	2.383	0.0	0.614	
I3282-04DLX10	2.288	0.0	0.590	
I3282-06DLX10	2.138	0.0	0.553	
I3282-02DLX10	4.879	0.0	1.236	
CCV4	4.943	0.0	1.252	
CCB4	0.131	0.0	0.053	

N	39
Mean	9.697
SD	13.1941
CV%	136.06

UB87727

Aquakem v. 7.2AQ1

Results from time period:

Fri May 26 13:36:25 2017

Fri May 26 15:35:56 2017

AIC

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.5721	mg/l	5/26/2017 13:36:25	
1.0PPM	A	TKN-NH3	P	1.0488	mg/l	5/26/2017 13:36:26	
2.5PPM	A	TKN-NH3	P	2.4669	mg/l	5/26/2017 13:36:27	
5.0PPM	A	TKN-NH3	P	4.9031	mg/l	5/26/2017 13:36:28	
6.7PPM	A	TKN-NH3	P	6.5494	mg/l	5/26/2017 13:36:29	
10.0PPM	A	TKN-NH3	P	10.1264	mg/l	5/26/2017 13:36:30	
ICV1	S	TKN-NH3	P	4.9288	mg/l	5/26/2017 14:12:11	
ICB1	S	TKN-NH3	P	0.1236	mg/l	5/26/2017 14:12:12	
CCV1	S	TKN-NH3	P	4.6975	mg/l	5/26/2017 14:12:13	
CCB1	S	TKN-NH3	P	0.1219	mg/l	5/26/2017 14:12:14	
PB99243BL	S	TKN-NH3	P	0.1262	mg/l	5/26/2017 14:12:15	
PB99243BS	S	TKN-NH3	P	4.9654	mg/l	5/26/2017 14:12:16	
I3245-01	S	TKN-NH3	P	15.5118	mg/l	5/26/2017 14:12:17	
I3245-01DUP	S	TKN-NH3	P	15.8222	mg/l	5/26/2017 14:12:18	
I3245-02	S	TKN-NH3	P	15.3278	mg/l	5/26/2017 14:12:19	
I3245-03	S	TKN-NH3	P	14.3617	mg/l	5/26/2017 14:12:20	
I3245-04MS	S	TKN-NH3	P	28.3087	mg/l	5/26/2017 14:12:21	
I3245-05MSD	S	TKN-NH3	P	40.2962	mg/l	5/26/2017 14:12:22	
I3245-06	S	TKN-NH3	P	0.279	mg/l	5/26/2017 14:22:52	
I3282-01	S	TKN-NH3	P	40.2958	mg/l	5/26/2017 14:22:53	
CCV2	S	TKN-NH3	P	4.751	mg/l	5/26/2017 14:22:54	
CCB2	S	TKN-NH3	P	0.1539	mg/l	5/26/2017 14:22:55	
I3282-02	S	TKN-NH3	P	40.2958	mg/l	5/26/2017 14:22:56	
I3282-03	S	TKN-NH3	P	4.6132	mg/l	5/26/2017 14:22:57	
I3282-04	S	TKN-NH3	P	40.2951	mg/l	5/26/2017 14:22:58	
I3282-05	S	TKN-NH3	P	7.6363	mg/l	5/26/2017 14:22:59	
I3282-06	S	TKN-NH3	P	40.2938	mg/l	5/26/2017 14:23:00	
I3282-07	S	TKN-NH3	P	1.044	mg/l	5/26/2017 14:23:01	
I3291-01	S	TKN-NH3	P	1.8043	mg/l	5/26/2017 14:23:02	
I3303-01	S	TKN-NH3	P	1.3707	mg/l	5/26/2017 14:23:03	
I3316-01	S	TKN-NH3	P	0.2566	mg/l	5/26/2017 14:28:21	
CCV3	S	TKN-NH3	P	4.9501	mg/l	5/26/2017 14:28:22	
CCB3	S	TKN-NH3	P	0.1315	mg/l	5/26/2017 14:28:23	
I3245-01DLX5	S	TKN-NH3	P	3.1625	mg/l	5/26/2017 15:12:27	
I3245-01DUPDLX5	S	TKN-NH3	P	3.1496	mg/l	5/26/2017 15:12:28	
I3245-02DLX2	S	TKN-NH3	P	7.7711	mg/l	5/26/2017 15:12:29	
I3245-03DLX2	S	TKN-NH3	P	7.6067	mg/l	5/26/2017 15:12:30	
I3245-04MSDLX5	S	TKN-NH3	P	3.509	mg/l	5/26/2017 15:12:31	
I3245-05MSDDLX5	S	TKN-NH3	P	3.4594	mg/l	5/26/2017 15:12:32	
I3282-01DLX10	S	TKN-NH3	P	2.3829	mg/l	5/26/2017 15:12:33	
I3282-04DLX10	S	TKN-NH3	P	2.2877	mg/l	5/26/2017 15:12:35	
I3282-06DLX10	S	TKN-NH3	P	2.1383	mg/l	5/26/2017 15:12:36	

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I3282-02DLX10	S	TKN-NH3	P	4.8793 mg/l	5/26/2017 15:35:54
CCV4	S	TKN-NH3	P	4.9434 mg/l	5/26/2017 15:35:55
CCB4	S	TKN-NH3	P	0.1307 mg/l	5/26/2017 15:35:56

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

5/26/2017 13:39

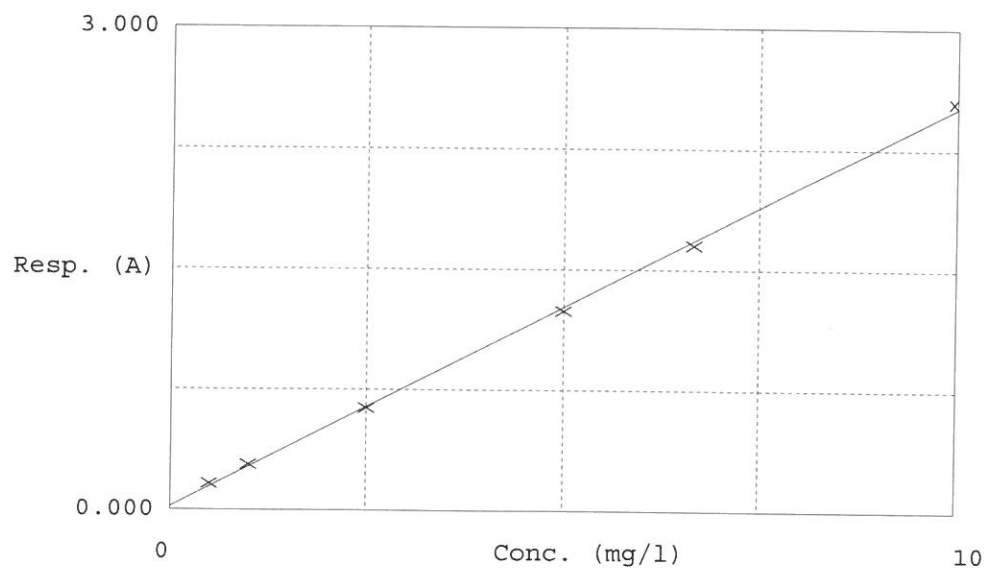
Test TKN-NH3

Accepted 5/26/2017 13:39

Factor 4.015
Bias 0.021

Coeff. of det. 0.999289

Errors Meas. error



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.163	0.5721	0.5000	
2	TKN-10	0.282	1.0488	1.0000	
3	TKN-10	0.635	2.4669	2.5000	
4	TKN-10	1.242	4.9031	5.0000	
5	TKN-10	1.652	6.5494	6.6667	
6	TKN-10	2.543	10.1264	10.0000	Init abs.