

L13118908

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

2/28/2022 14:02

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.969	0.0	0.778	
ICB1	0.060	0.0	0.010	
CCV1	4.993	0.0	0.782	
CCB1	0.059	0.0	0.010	
PB142816BL	0.057	0.0	0.009	
PB142816BS	4.866	0.0	0.762	
N1603-02	0.188	0.0	0.030	
N1603-02DUP	0.195	0.0	0.031	
N1603-02MS	5.303	0.0	0.830	
N1603-02MSD	5.039	0.0	0.789	
N1604-01	0.062	0.0	0.010	
N1604-02	0.255	0.0	0.040	
N1604-04	0.235	0.0	0.037	
PB142914BL	0.058	0.0	0.009	
PB142914BS	0.066	0.0	0.011	
CCV2	4.957	0.0	0.776	
CCB2	0.079	0.0	0.013	
PB142914BS	5.030	0.0	0.787	
N1645-01	0.270	0.0	0.043	
N1645-02	0.491	0.0	0.077	
PB142948BL	0.060	0.0	0.010	
PB142948BS	4.834	0.0	0.757	
N1645-07	0.275	0.0	0.043	
N1645-08	0.495	0.0	0.078	
N1668-01	0.066	0.0	0.011	
N1668-01DUP	0.063	0.0	0.010	
N1668-01MS	5.066	0.0	0.793	
CCV3	4.899	0.0	0.767	
CCB3	0.076	0.0	0.012	
N1668-01MSD	4.965	0.0	0.777	
N1671-01	0.067	0.0	0.011	
N1671-03	2.440	0.0	0.382	
N1671-05	1.369	0.0	0.214	
N1671-07	2.449	0.0	0.384	
CCV4	5.160	0.0	0.808	
CCB4	0.064	0.0	0.010	

N 36
Mean 1.933
SD 2.2754
CV% 117.73

Aquakem v. 7.2AQ1

Results from time period:

Mon Feb 28 12:12:15 2022

Mon Feb 28 13:57:38 2022

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0652	mg/l	2/28/2022 12:12:15	
0.5PPM	A	TKN-NH3	P	0.5088	mg/l	2/28/2022 12:12:16	
1.0PPM	A	TKN-NH3	P	0.9745	mg/l	2/28/2022 12:12:17	
2.5PPM	A	TKN-NH3	P	2.4967	mg/l	2/28/2022 12:12:18	
5.0PPM	A	TKN-NH3	P	4.9125	mg/l	2/28/2022 12:12:19	
6.7PPM	A	TKN-NH3	P	6.6534	mg/l	2/28/2022 12:12:20	
10.0PPM	A	TKN-NH3	P	10.0555	mg/l	2/28/2022 12:12:21	
ICV1	S	TKN-NH3	P	4.9688	mg/l	2/28/2022 12:58:18	
ICB1	S	TKN-NH3	P	0.0603	mg/l	2/28/2022 12:58:19	
CCV1	S	TKN-NH3	P	4.9928	mg/l	2/28/2022 12:58:21	
CCB1	S	TKN-NH3	P	0.059	mg/l	2/28/2022 12:58:23	
PB142816BL	S	TKN-NH3	P	0.0565	mg/l	2/28/2022 12:58:25	
PB142816BS	S	TKN-NH3	P	4.8656	mg/l	2/28/2022 12:58:28	
N1603-02	S	TKN-NH3	P	0.1884	mg/l	2/28/2022 13:09:01	
N1603-02DUP	S	TKN-NH3	P	0.1951	mg/l	2/28/2022 13:09:02	
N1603-02MS	S	TKN-NH3	P	5.3026	mg/l	2/28/2022 13:09:03	
N1603-02MSD	S	TKN-NH3	P	5.039	mg/l	2/28/2022 13:09:04	
N1604-01	S	TKN-NH3	P	0.0623	mg/l	2/28/2022 13:09:05	
N1604-02	S	TKN-NH3	P	0.2553	mg/l	2/28/2022 13:09:06	
N1604-04	S	TKN-NH3	P	0.2353	mg/l	2/28/2022 13:09:07	
PB142914BL	S	TKN-NH3	P	0.0582	mg/l	2/28/2022 13:09:08	
CCV2	S	TKN-NH3	P	4.957	mg/l	2/28/2022 13:09:10	
CCB2	S	TKN-NH3	P	0.0793	mg/l	2/28/2022 13:09:11	
PB142914BS	S	TKN-NH3	P	5.0303	mg/l	2/28/2022 13:09:12	
N1645-01	S	TKN-NH3	P	0.27	mg/l	2/28/2022 13:19:45	
N1645-02	S	TKN-NH3	P	0.4906	mg/l	2/28/2022 13:19:46	
PB142948BL	S	TKN-NH3	P	0.0602	mg/l	2/28/2022 13:19:47	
PB142948BS	S	TKN-NH3	P	4.8342	mg/l	2/28/2022 13:19:48	
N1645-07	S	TKN-NH3	P	0.2746	mg/l	2/28/2022 13:19:49	
N1645-08	S	TKN-NH3	P	0.4947	mg/l	2/28/2022 13:19:50	
N1668-01	S	TKN-NH3	P	0.0661	mg/l	2/28/2022 13:19:51	
N1668-01DUP	S	TKN-NH3	P	0.0628	mg/l	2/28/2022 13:19:52	
N1668-01MS	S	TKN-NH3	P	5.0663	mg/l	2/28/2022 13:19:53	
CCV3	S	TKN-NH3	P	4.899	mg/l	2/28/2022 13:19:54	
CCB3	S	TKN-NH3	P	0.0758	mg/l	2/28/2022 13:19:55	
N1668-01MSD	S	TKN-NH3	P	4.965	mg/l	2/28/2022 13:19:56	
N1671-01	S	TKN-NH3	P	0.0665	mg/l	2/28/2022 13:30:26	
N1671-03	S	TKN-NH3	P	2.4403	mg/l	2/28/2022 13:57:31	
N1671-05	S	TKN-NH3	P	1.3689	mg/l	2/28/2022 13:57:33	
N1671-07	S	TKN-NH3	P	2.4491	mg/l	2/28/2022 13:57:35	
CCV4	S	TKN-NH3	P	5.1601	mg/l	2/28/2022 13:57:36	
CCB4	S	TKN-NH3	P	0.0638	mg/l	2/28/2022 13:57:37	

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Reviewed by : 12 Instrument ID : Konelab

2/28/2022 12:12

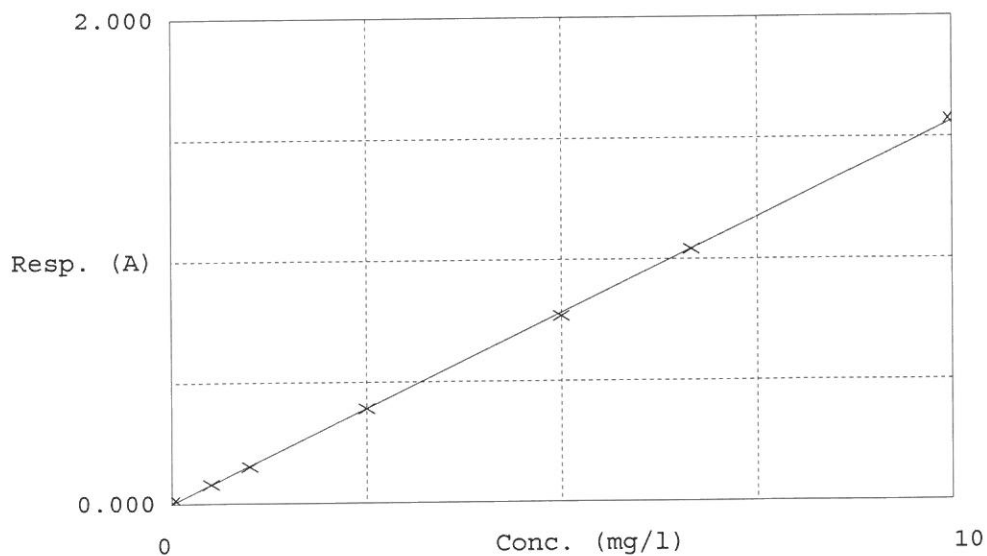
Test TKN-NH3

Accepted 2/28/2022 12:12

Factor 6.391
Bias 0

Coeff. of det. 0.999808

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.010	0.0652	0.0000	-
2	TKN-10	0.080	0.5088	0.5000	1.8
3	TKN-10	0.153	0.9745	1.0000	-2.4
4	TKN-10	0.391	2.4967	2.5000	-0.1
5	TKN-10	0.769	4.9125	5.0000	-1.8
6	TKN-10	1.041	6.6534	6.6667	-0.7
7	TKN-10	1.574	10.0555	10.0000	0.6

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