

LB110817

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

7/31/2020 15:29

Test: TKN-NH3

Sample Id	Result ^{mg/L}	Dil. 1 +	Response	Errors
ICV1	5.379	0.0	1.089	
ICB1	0.090	0.0	0.023	
CCV1	5.115	0.0	1.036	
CCB1	0.090	0.0	0.023	
PB130468BL	0.090	0.0	0.023	
PB130468BS	5.361	0.0	1.086	
L3421-02	0.283	0.0	0.062	
L3421-03	0.353	0.0	0.076	
L3421-04	5.339	0.0	1.081	
L3421-05	14.792	0.0	2.986	Init abs., Test limit hig
L3421-06	0.316	0.0	0.069	
L3421-07	0.362	0.0	0.078	
L3421-07DUP	0.330	0.0	0.072	
L3421-07MS	3.835	0.0	0.778	
CCV2	5.376	0.0	1.089	
CCB2	0.094	0.0	0.024	
L3421-07MSD	4.095	0.0	0.831	
L3442-01	0.255	0.0	0.057	
L3442-02	0.254	0.0	0.056	
DOC-1	5.244	0.0	1.062	
DOC-2	5.362	0.0	1.086	
DOC-3	4.623	0.0	0.937	
DOC-4	5.214	0.0	1.056	
CCV3	5.365	0.0	1.087	
CCB3	0.086	0.0	0.022	
L3421-05DLX2	8.160	0.0	1.650	
CCV4	5.577	0.0	1.129	
CCB4	0.086	0.0	0.022	

N 28
 Mean 3.269
 SD 3.4660
 CV% 106.03

Aquakem v. 7.2AQ1

Results from time period:

Fri Jul 31 14:04:02 2020

Fri Jul 31 15:25:10 2020

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.518	mg/l	7/31/2020 14:04:02	
1.0PPM	A	TKN-NH3	P	0.9967	mg/l	7/31/2020 14:04:03	
2.5PPM	A	TKN-NH3	P	2.4975	mg/l	7/31/2020 14:04:04	
5.0PPM	A	TKN-NH3	P	4.9197	mg/l	7/31/2020 14:04:05	
6.7PPM	A	TKN-NH3	P	6.7506	mg/l	7/31/2020 14:04:06	
10.0PPM	A	TKN-NH3	P	9.9842	mg/l	7/31/2020 14:04:07	
ICV1	S	TKN-NH3	P	5.3785	mg/l	7/31/2020 14:49:26	
ICB1	S	TKN-NH3	P	0.0898	mg/l	7/31/2020 14:49:27	
CCV1	S	TKN-NH3	P	5.1146	mg/l	7/31/2020 14:49:28	
CCB1	S	TKN-NH3	P	0.0902	mg/l	7/31/2020 14:49:29	
PB130468BL	S	TKN-NH3	P	0.0896	mg/l	7/31/2020 14:49:30	
PB130468BS	S	TKN-NH3	P	5.3606	mg/l	7/31/2020 14:49:31	
L3421-02	S	TKN-NH3	P	0.2827	mg/l	7/31/2020 14:49:32	
L3421-03	S	TKN-NH3	P	0.3532	mg/l	7/31/2020 14:49:33	
L3421-04	S	TKN-NH3	P	5.3394	mg/l	7/31/2020 14:49:34	
L3421-05	S	TKN-NH3	P	14.7921	mg/l	7/31/2020 14:49:35	
L3421-06	S	TKN-NH3	P	0.3157	mg/l	7/31/2020 14:49:36	
L3421-07	S	TKN-NH3	P	0.3624	mg/l	7/31/2020 14:49:37	
L3421-07DUP	S	TKN-NH3	P	0.3296	mg/l	7/31/2020 15:00:10	
L3421-07MS	S	TKN-NH3	P	3.8355	mg/l	7/31/2020 15:00:11	
CCV2	S	TKN-NH3	P	5.3756	mg/l	7/31/2020 15:00:12	
CCB2	S	TKN-NH3	P	0.0944	mg/l	7/31/2020 15:00:13	
L3421-07MSD	S	TKN-NH3	P	4.0951	mg/l	7/31/2020 15:00:14	
L3442-01	S	TKN-NH3	P	0.255	mg/l	7/31/2020 15:00:15	
L3442-02	S	TKN-NH3	P	0.2543	mg/l	7/31/2020 15:00:16	
DOC-1	S	TKN-NH3	P	5.2438	mg/l	7/31/2020 15:00:17	
DOC-2	S	TKN-NH3	P	5.3619	mg/l	7/31/2020 15:00:18	
DOC-3	S	TKN-NH3	P	4.6229	mg/l	7/31/2020 15:00:19	
DOC-4	S	TKN-NH3	P	5.2143	mg/l	7/31/2020 15:00:20	
CCV3	S	TKN-NH3	P	5.3651	mg/l	7/31/2020 15:00:21	
CCB3	S	TKN-NH3	P	0.0856	mg/l	7/31/2020 15:03:26	
L3421-05DLX2	S	TKN-NH3	P	8.1597	mg/l	7/31/2020 15:25:08	
CCV4	S	TKN-NH3	P	5.5771	mg/l	7/31/2020 15:25:09	
CCB4	S	TKN-NH3	P	0.0858	mg/l	7/31/2020 15:25:10	

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7/31/2020 14:05

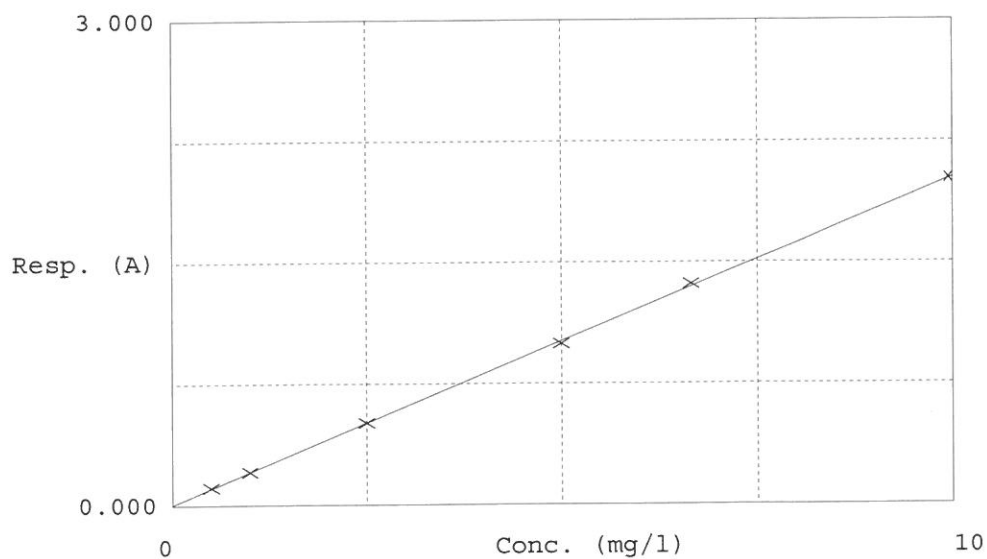
Test TKN-NH3

Accepted 7/31/2020 14:05

Factor 4.962
 Bias 0.005

Coeff. of det. 0.999790

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.110	0.5180	0.5000	
2	TKN-10	0.206	0.9967	1.0000	
3	TKN-10	0.509	2.4975	2.5000	
4	TKN-10	0.997	4.9197	5.0000	
5	TKN-10	1.366	6.7506	6.6667	
6	TKN-10	2.017	9.9842	10.0000	