

LB109973

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

7/13/2020 11:46

Test: TKN-NH3

mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.274	0.0	1.019	
ICB1	0.091	0.0	0.024	
CCV1	5.285	0.0	1.022	
CCB1	0.092	0.0	0.024	
PB130025BL	0.095	0.0	0.025	
PB130025BS	5.147	0.0	0.995	
L3214-01	1.196	0.0	0.236	
L3214-01DUP	1.232	0.0	0.243	
L3214-01MS	7.298	0.0	1.408	
L3214-01MSD	6.977	0.0	1.347	
L3214-03X2	5.669	0.0	1.095	
L3214-04X5	4.091	0.0	0.792	
L3214-05	0.441	0.0	0.091	
CCV2	5.329	0.0	1.030	
CCB2	0.079	0.0	0.022	
L3216-07	0.167	0.0	0.038	
L3216-08	0.395	0.0	0.082	
PB130041BL	0.064	0.0	0.019	
PB130041BS	5.236	0.0	1.012	
L3216-01	0.159	0.0	0.037	
L3216-02	0.380	0.0	0.079	
L3198-02X5	6.005	0.0	1.160	
L3198-04X2	8.470	0.0	1.634	
L3198-08	8.201	0.0	1.582	
CCV3	5.321	0.0	1.029	
CCB3	0.063	0.0	0.019	
L3214-02	1.802	0.0	0.352	
L3214-06	0.502	0.0	0.103	
CCV4	5.233	0.0	1.012	
CCB4	0.066	0.0	0.019	

N	30
Mean	3.012
SD	2.9623
CV%	98.35

Aquakem v. 7.2AQ1

Results from time period:

Mon Jul 13 09:16:31 2020

Mon Jul 13 11:39:38 2020

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Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.5PPM	A	TKN-NH3	P	0.528	mg/l	7/13/2020 9:16:31	
1.0PPM	A	TKN-NH3	P	0.9696	mg/l	7/13/2020 9:16:32	
2.5PPM	A	TKN-NH3	P	2.5121	mg/l	7/13/2020 9:16:33	
5.0PPM	A	TKN-NH3	P	4.8837	mg/l	7/13/2020 9:16:34	
6.7PPM	A	TKN-NH3	P	6.8162	mg/l	7/13/2020 9:16:35	
10.0PPM	A	TKN-NH3	P	9.9571	mg/l	7/13/2020 9:16:36	
ICV1	S	TKN-NH3	P	5.2739	mg/l	7/13/2020 11:01:28	
ICB1	S	TKN-NH3	P	0.0913	mg/l	7/13/2020 11:01:29	
CCV1	S	TKN-NH3	P	5.2849	mg/l	7/13/2020 11:01:30	
CCB1	S	TKN-NH3	P	0.0923	mg/l	7/13/2020 11:01:31	
PB130025BL	S	TKN-NH3	P	0.0954	mg/l	7/13/2020 11:01:32	
PB130025BS	S	TKN-NH3	P	5.1474	mg/l	7/13/2020 11:01:33	
L3214-01	S	TKN-NH3	P	1.1962	mg/l	7/13/2020 11:01:34	
L3214-01DUP	S	TKN-NH3	P	1.2322	mg/l	7/13/2020 11:01:35	
L3214-01MS	S	TKN-NH3	P	7.2976	mg/l	7/13/2020 11:01:38	
L3214-01MSD	S	TKN-NH3	P	6.977	mg/l	7/13/2020 11:01:39	
L3214-03X2	S	TKN-NH3	P	5.6691	mg/l	7/13/2020 11:12:10	
L3214-04X5	S	TKN-NH3	P	4.0914	mg/l	7/13/2020 11:12:11	
L3214-05	S	TKN-NH3	P	0.4406	mg/l	7/13/2020 11:12:12	
CCV2	S	TKN-NH3	P	5.329	mg/l	7/13/2020 11:12:13	
CCB2	S	TKN-NH3	P	0.0795	mg/l	7/13/2020 11:12:14	
L3216-07	S	TKN-NH3	P	0.1669	mg/l	7/13/2020 11:12:15	
L3216-08	S	TKN-NH3	P	0.395	mg/l	7/13/2020 11:12:16	
PB130041BL	S	TKN-NH3	P	0.0641	mg/l	7/13/2020 11:12:17	
PB130041BS	S	TKN-NH3	P	5.236	mg/l	7/13/2020 11:12:18	
L3216-01	S	TKN-NH3	P	0.1586	mg/l	7/13/2020 11:12:19	
L3216-02	S	TKN-NH3	P	0.3802	mg/l	7/13/2020 11:12:20	
L3198-02X5	S	TKN-NH3	P	6.0048	mg/l	7/13/2020 11:18:48	
L3198-04X2	S	TKN-NH3	P	8.4701	mg/l	7/13/2020 11:18:49	
L3198-08	S	TKN-NH3	P	8.2011	mg/l	7/13/2020 11:18:50	
CCV3	S	TKN-NH3	P	5.3211	mg/l	7/13/2020 11:18:51	
CCB3	S	TKN-NH3	P	0.0633	mg/l	7/13/2020 11:18:52	
L3214-02	S	TKN-NH3	P	1.8018	mg/l	7/13/2020 11:39:34	
L3214-06	S	TKN-NH3	P	0.5018	mg/l	7/13/2020 11:39:36	
CCV4	S	TKN-NH3	P	5.233	mg/l	7/13/2020 11:39:37	
CCB4	S	TKN-NH3	P	0.0658	mg/l	7/13/2020 11:39:38	

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Calibration results

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

Instrument ID : Konelab

7/13/2020 11:27

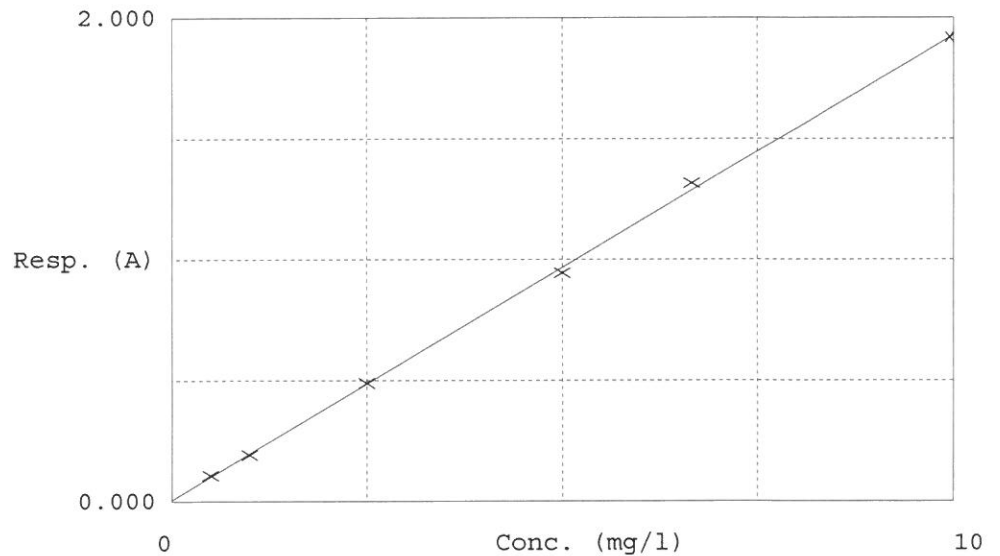
Test TKN-NH3

Accepted 7/13/2020 9:16

Factor 5.205
Bias 0.006

Coeff. of det. 0.999411

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TKN-10	0.108	0.5280	0.5000	
2	TKN-10	0.193	0.9696	1.0000	
3	TKN-10	0.489	2.5121	2.5000	
4	TKN-10	0.945	4.8837	5.0000	
5	TKN-10	1.316	6.8162	6.6667	
6	TKN-10	1.919	9.9571	10.0000	