

Test results

Aquakem 7.2AQ1

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

Reviewed by : AA

Instrument ID : Konelab

7/13/2021 11:38

Test: TKN-NH3

mg/L

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	5.008	0.0	1.034	
ICB1	0.078	0.0	0.040	
CCV1	5.019	0.0	1.036	
CCB1	0.076	0.0	0.039	
PB137608BL	0.084	0.0	0.041	
PB137608BS	5.016	0.0	1.035	
M2940-03	0.309	0.0	0.086	
PB137609BL	0.093	0.0	0.043	
PB137609BS	5.050	0.0	1.042	
M2940-09	0.318	0.0	0.088	
M2999-01	0.945	0.0	0.214	
M2999-01DUP	0.984	0.0	0.222	
M2999-01MS	6.920	0.0	1.419	
M2999-01MSD	6.958	0.0	1.427	
CCV2	5.182	0.0	1.069	
CCB2	0.083	0.0	0.041	

N	16
Mean	2.633
SD	2.7723
CV%	105.30

Aquakem v. 7.2AQ1

Results from time period:

Tue Jul 13 10:27:44 2021

Tue Jul 13 11:36:54 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0914	mg/l	7/13/2021 10:27:44	
0.5PPM	A	TKN-NH3	P	0.5162	mg/l	7/13/2021 10:27:45	
1.0PPM	A	TKN-NH3	P	0.9869	mg/l	7/13/2021 10:27:46	
2.5PPM	A	TKN-NH3	P	2.465	mg/l	7/13/2021 10:27:47	
5.0PPM	A	TKN-NH3	P	4.9576	mg/l	7/13/2021 10:27:48	
6.7PPM	A	TKN-NH3	P	6.5242	mg/l	7/13/2021 10:27:49	
10.0PPM	A	TKN-NH3	P	10.1255	mg/l	7/13/2021 10:27:50	
ICV1	S	TKN-NH3	P	5.0077	mg/l	7/13/2021 11:05:26	
ICB1	S	TKN-NH3	P	0.0785	mg/l	7/13/2021 11:05:29	
CCV1	S	TKN-NH3	P	5.0192	mg/l	7/13/2021 11:05:30	
CCB1	S	TKN-NH3	P	0.0761	mg/l	7/13/2021 11:05:33	
PB137608BL	S	TKN-NH3	P	0.0836	mg/l	7/13/2021 11:05:34	
PB137608BS	S	TKN-NH3	P	5.016	mg/l	7/13/2021 11:05:36	
M2940-03	S	TKN-NH3	P	0.3095	mg/l	7/13/2021 11:05:37	
PB137609BL	S	TKN-NH3	P	0.0934	mg/l	7/13/2021 11:14:25	
PB137609BS	S	TKN-NH3	P	5.0497	mg/l	7/13/2021 11:14:26	
M2940-09	S	TKN-NH3	P	0.318	mg/l	7/13/2021 11:14:27	
M2999-01	S	TKN-NH3	P	0.9449	mg/l	7/13/2021 11:14:28	
M2999-01DUP	S	TKN-NH3	P	0.9837	mg/l	7/13/2021 11:14:29	
M2999-01MS	S	TKN-NH3	P	6.9202	mg/l	7/13/2021 11:36:49	
M2999-01MSD	S	TKN-NH3	P	6.9579	mg/l	7/13/2021 11:36:50	
CCV2	S	TKN-NH3	P	5.1823	mg/l	7/13/2021 11:36:52	
CCB2	S	TKN-NH3	P	0.0825	mg/l	7/13/2021 11:36:53	

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Reviewed by : AB

Instrument ID : Konelab

7/13/2021 14:48

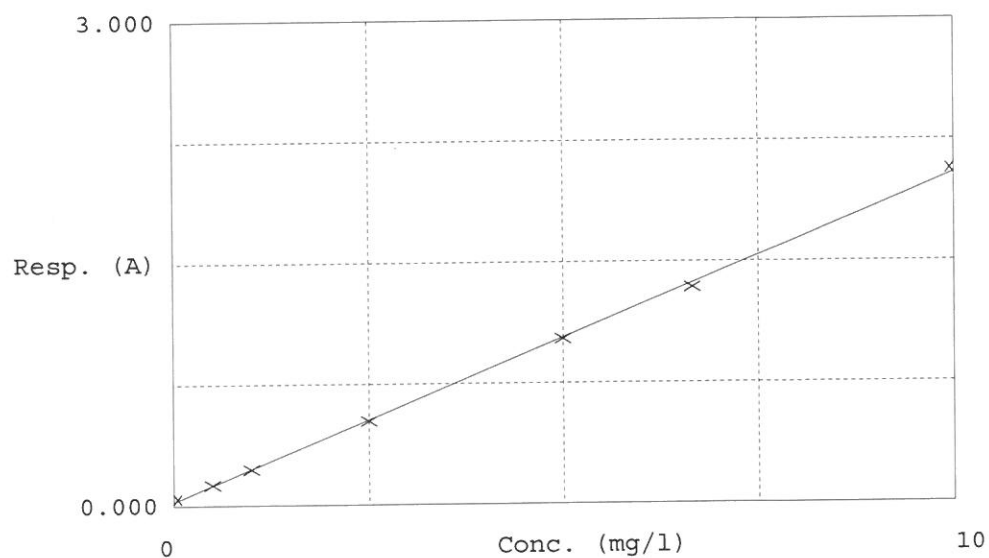
Test TKN-NH3

Accepted 7/13/2021 10:28

Factor 4.959
Bias 0.024

Coeff. of det. 0.999423

Errors



	Calibrator	Response	Calc. con.	Conc.	Relative Errors	
1	0.00PPM	0.042	0.0914	0.0000	3.2	
2	TKN-10	0.128	0.5162	0.5000	-1.3	
3	TKN-10	0.223	0.9869	1.0000	-1.4	
4	TKN-10	0.521	2.4650	2.5000	0.8	
5	TKN-10	1.024	4.9576	5.0000	-2.6	
6	TKN-10	1.339	6.5242	6.6667	1.2	
7	TKN-10	2.066	10.1255	10.0000		

AB
7/13/21