

LIB125126

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

4/24/2023 14:33

Test: TKN-NH3

Sample Id	Result <i>mg/L</i>	Dil. 1 +	Response	Errors
ICV1	4.952	0.0	0.857	
ICB1	0.019	0.0	0.024	
CCV1	5.128	0.0	0.886	
CCB1	0.021	0.0	0.024	
RL CHECK	0.510	0.0	0.107	102% (50-150)
PB152314BL	0.017	0.0	0.024	
PB152314BS	4.866	0.0	0.842	12
O2213-09	0.268	0.0	0.066	4/24/23
O2403-01	0.703	0.0	0.139	
O2403-01DUP	0.716	0.0	0.142	
O2403-01MS	5.725	0.0	0.987	
O2403-01MSD	5.651	0.0	0.975	
O2403-07	0.826	0.0	0.160	
O2403-13	1.284	0.0	0.237	
CCV2	5.393	0.0	0.931	
CCB2	0.109	0.0	0.039	
O2415-01	0.902	0.0	0.173	
O2468-01	0.137	0.0	0.044	
CCV3	5.350	0.0	0.924	
CCB3	0.028	0.0	0.025	

N 20
Mean 2.130
SD 2.4134
CV% 113.29

Aquakem v. 7.2AQ1

Results from time period:

Mon Apr 24 13:44:36 2023

Mon Apr 24 14:31:55 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.0219	mg/l	4/24/2023 13:44:36
0.5PPM	A	TKN-NH3	P	0.5028	mg/l	4/24/2023 13:44:37
1.0PPM	A	TKN-NH3	P	1.0211	mg/l	4/24/2023 13:44:38
2.5PPM	A	TKN-NH3	P	2.5401	mg/l	4/24/2023 13:44:39
5.0PPM	A	TKN-NH3	P	4.902	mg/l	4/24/2023 13:44:40
6.7PPM	A	TKN-NH3	P	6.5925	mg/l	4/24/2023 13:44:41
10.0PPM	A	TKN-NH3	P	10.0862	mg/l	4/24/2023 13:44:42
ICV1	S	TKN-NH3	P	4.9521	mg/l	4/24/2023 14:15:08
ICB1	S	TKN-NH3	P	0.0193	mg/l	4/24/2023 14:15:09
CCV1	S	TKN-NH3	P	5.1276	mg/l	4/24/2023 14:15:11
CCB1	S	TKN-NH3	P	0.0213	mg/l	4/24/2023 14:15:13
RL CHECK	S	TKN-NH3	P	0.5099	mg/l	4/24/2023 14:15:16
PB152314BL	S	TKN-NH3	P	0.0174	mg/l	4/24/2023 14:15:17
PB152314BS	S	TKN-NH3	P	4.866	mg/l	4/24/2023 14:25:49
O2213-09	S	TKN-NH3	P	0.2683	mg/l	4/24/2023 14:25:50
O2403-01	S	TKN-NH3	P	0.7026	mg/l	4/24/2023 14:25:52
O2403-01DUP	S	TKN-NH3	P	0.7165	mg/l	4/24/2023 14:25:53
O2403-01MS	S	TKN-NH3	P	5.7251	mg/l	4/24/2023 14:25:54
O2403-01MSD	S	TKN-NH3	P	5.6506	mg/l	4/24/2023 14:25:55
O2403-07	S	TKN-NH3	P	0.8255	mg/l	4/24/2023 14:25:56
O2403-13	S	TKN-NH3	P	1.2837	mg/l	4/24/2023 14:25:57
CCV2	S	TKN-NH3	P	5.3929	mg/l	4/24/2023 14:25:58
CCB2	S	TKN-NH3	P	0.1093	mg/l	4/24/2023 14:25:59
O2415-01	S	TKN-NH3	P	0.9016	mg/l	4/24/2023 14:31:52
O2468-01	S	TKN-NH3	P	0.1365	mg/l	4/24/2023 14:31:53
CCV3	S	TKN-NH3	P	5.3495	mg/l	4/24/2023 14:31:54
CCB3	S	TKN-NH3	P	0.028	mg/l	4/24/2023 14:31:55

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4/24/2023 13:45

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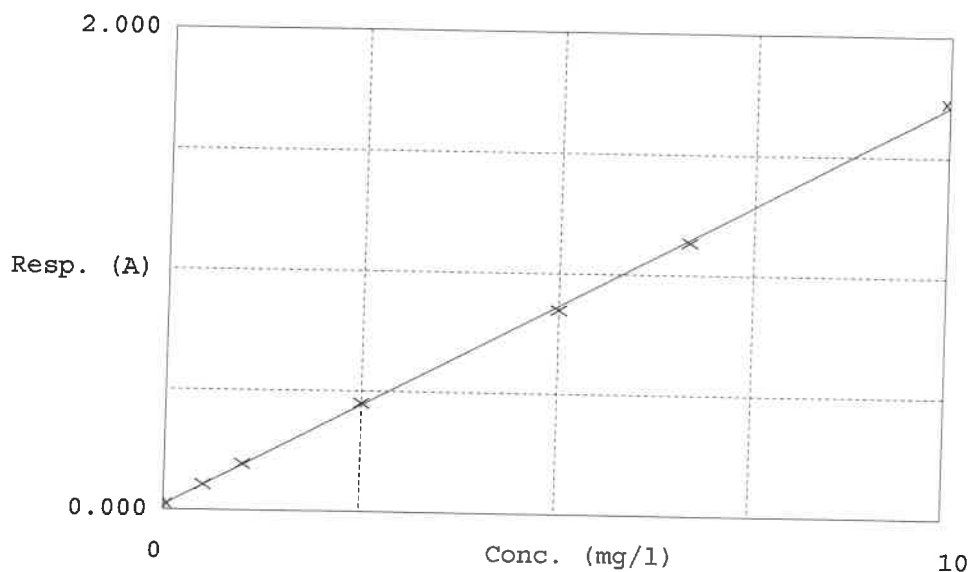
Test TKN-NH3

Accepted 4/24/2023 13:45

Factor 5.924
Bias 0.021

Coeff. of det. 0.999697

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.024	0.0219	0.0000	-
2	TKN-10	0.106	0.5028	0.5000	0.6
3	TKN-10	0.193	1.0211	1.0000	2.6
4	TKN-10	0.450	2.5401	2.5000	1.6
5	TKN-10	0.848	4.9020	5.0000	-2.0
6	TKN-10	1.134	6.5925	6.6667	-1.6
7	TKN-10	1.723	10.0862	10.0000	0.8

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4/24/23