

LB124155

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

2/20/2023 14:11

Test: TKN-NH3

Sample Id	<i>mg/L</i> Result	Dil. 1 +	Response	Errors
ICV1	5.014	0.0	0.797	
ICB1	0.237	0.0	0.042	
CCV1	5.036	0.0	0.801	
CCB1	0.208	0.0	0.038	
RL CHECK	0.608	0.0	0.101	122% (50-150)
PB150942BL	0.177	0.0	0.033	
PB150942BS	5.052	0.0	0.803	12
O1553-05	1.351	0.0	0.218	2/20/23
O1553-05DUP	1.325	0.0	0.214	
O1553-05MS	6.011	0.0	0.955	
O1553-05MSD	6.063	0.0	0.963	
CCV2	5.119	0.0	0.814	
CCB2	0.182	0.0	0.034	

N	13
Mean	2.799
SD	2.5398
CV%	90.75

Aquakem v. 7.2AQ1

Results from time period:

Mon Feb 20 13:15:37 2023

Mon Feb 20 14:03:23 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1306	mg/l	2/20/2023 13:15:37	
0.5PPM	A	TKN-NH3	P	0.6428	mg/l	2/20/2023 13:15:38	
1.0PPM	A	TKN-NH3	P	0.9692	mg/l	2/20/2023 13:15:39	
2.5PPM	A	TKN-NH3	P	2.3915	mg/l	2/20/2023 13:15:40	
5.0PPM	A	TKN-NH3	P	4.8201	mg/l	2/20/2023 13:15:41	
6.7PPM	A	TKN-NH3	P	6.4651	mg/l	2/20/2023 13:15:42	
10.0PPM	A	TKN-NH3	P	10.2474	mg/l	2/20/2023 13:15:43	
ICV1	S	TKN-NH3	P	5.0142	mg/l	2/20/2023 13:54:16	
ICB1	S	TKN-NH3	P	0.2374	mg/l	2/20/2023 13:54:18	
CCV1	S	TKN-NH3	P	5.0359	mg/l	2/20/2023 13:54:20	
CCB1	S	TKN-NH3	P	0.2079	mg/l	2/20/2023 13:54:22	
RL CHECK	S	TKN-NH3	P	0.6081	mg/l	2/20/2023 13:54:24	
PB150942BL	S	TKN-NH3	P	0.1773	mg/l	2/20/2023 13:54:26	
PB150942BS	S	TKN-NH3	P	5.0523	mg/l	2/20/2023 14:03:15	
O1553-05	S	TKN-NH3	P	1.3505	mg/l	2/20/2023 14:03:17	
O1553-05DUP	S	TKN-NH3	P	1.3252	mg/l	2/20/2023 14:03:18	
O1553-05MS	S	TKN-NH3	P	6.0106	mg/l	2/20/2023 14:03:19	
O1553-05MSD	S	TKN-NH3	P	6.0628	mg/l	2/20/2023 14:03:20	
CCV2	S	TKN-NH3	P	5.1189	mg/l	2/20/2023 14:03:22	
CCB2	S	TKN-NH3	P	0.1815	mg/l	2/20/2023 14:03:23	

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2/20/2023 13:21

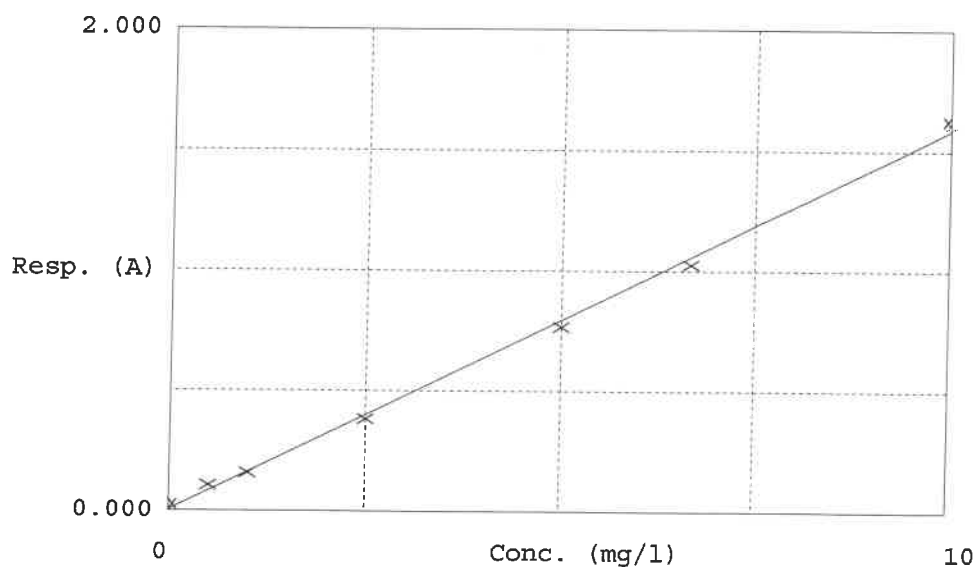
Test TKN-NH3

Accepted 2/20/2023 13:21

Factor 6.327
Bias 0.005

Coeff. of det. 0.997779

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.026	0.1306	0.0000	-
2	TKN-10	0.107	0.6428	0.5000	28.6
3	TKN-10	0.158	0.9692	1.0000	-3.1
4	TKN-10	0.383	2.3915	2.5000	-4.3
5	TKN-10	0.767	4.8201	5.0000	-3.6
6	TKN-10	1.027	6.4651	6.6667	-3.5
7	TKN-10	1.625	10.2474	10.0000	2.5

2/20/23