

LB127920

Test results

Aquakem 7.2AQ1

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

Reviewed by : PM Instrument ID : Konelab

10/20/2023 14:51

Test: TKN-NH3

Sample Id	Result <i>mg/L</i>	Dil. 1 +	Response	Errors
ICV1	5.095	0.0	1.098	
ICB1	0.038	0.0	0.023	
CCV1	5.090	0.0	1.097	
CCB1	0.033	0.0	0.022	
RL CHECK	0.525	0.0	0.127	
PB156410BL	0.030	0.0	0.021	
PB156410BS	5.107	0.0	1.100	
O4699-07	0.293	0.0	0.077	
O4699-08	0.532	0.0	0.128	
O4884-01	1.411	0.0	0.315	
O4909-01	17.929	0.0	3.824	
O4911-01X50	7.199	0.0	1.545	
O4911-02	0.089	0.0	0.034	
O4957-01	0.054	0.0	0.027	
CCV2	4.953	0.0	1.067	
CCB2	0.039	0.0	0.023	
O4957-01DUP	0.057	0.0	0.027	
O4957-01MS	5.001	0.0	1.078	
O4957-01MSD	4.987	0.0	1.075	
O4957-02	0.106	0.0	0.038	
O4957-03	0.139	0.0	0.045	
O4957-04	0.200	0.0	0.058	
CCV3	5.083	0.0	1.095	
CCB3	0.039	0.0	0.023	
O4909-01DLX5	3.856	0.0	0.834	
CCV4	5.205	0.0	1.121	
CCB4	0.033	0.0	0.022	

- 105% (50-150)
10/20/2023 PM

Init abs., Test limit hig

N 27
Mean 2.708
SD 3.9130
CV% 144.49

Aquakem v. 7.2AQ1

Results from time period:

Fri Oct 20 13:07:54 2023

Fri Oct 20 14:44:26 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0474	mg/l	10/20/2023 13:07:54	
0.5PPM	A	TKN-NH3	P	0.5131	mg/l	10/20/2023 13:07:55	
1.0PPM	A	TKN-NH3	P	1.015	mg/l	10/20/2023 13:07:56	
2.5PPM	A	TKN-NH3	P	2.5029	mg/l	10/20/2023 13:07:57	
5.0PPM	A	TKN-NH3	P	4.9415	mg/l	10/20/2023 13:07:58	
6.7PPM	A	TKN-NH3	P	6.5278	mg/l	10/20/2023 13:07:59	
10.0PPM	A	TKN-NH3	P	10.119	mg/l	10/20/2023 13:08:00	
ICV1	S	TKN-NH3	P	5.0946	mg/l	10/20/2023 13:55:49	
ICB1	S	TKN-NH3	P	0.0378	mg/l	10/20/2023 13:55:50	
CCV1	S	TKN-NH3	P	5.0898	mg/l	10/20/2023 13:55:53	
CCB1	S	TKN-NH3	P	0.0329	mg/l	10/20/2023 13:55:54	
RL CHECK	S	TKN-NH3	P	0.5247	mg/l	10/20/2023 13:55:56	
PB156410BL	S	TKN-NH3	P	0.03	mg/l	10/20/2023 13:55:59	
PB156410BS	S	TKN-NH3	P	5.107	mg/l	10/20/2023 14:06:32	
O4699-07	S	TKN-NH3	P	0.2934	mg/l	10/20/2023 14:06:34	
O4699-08	S	TKN-NH3	P	0.5324	mg/l	10/20/2023 14:06:36	
O4884-01	S	TKN-NH3	P	1.4114	mg/l	10/20/2023 14:06:38	
O4909-01	S	TKN-NH3	P	17.9285	mg/l	10/20/2023 14:06:39	
O4911-01X50	S	TKN-NH3	P	7.1989	mg/l	10/20/2023 14:06:42	
O4911-02	S	TKN-NH3	P	0.0889	mg/l	10/20/2023 14:06:43	
O4957-01	S	TKN-NH3	P	0.054	mg/l	10/20/2023 14:16:38	
CCV2	S	TKN-NH3	P	4.953	mg/l	10/20/2023 14:16:39	
CCB2	S	TKN-NH3	P	0.0386	mg/l	10/20/2023 14:16:40	
O4957-01DUP	S	TKN-NH3	P	0.0573	mg/l	10/20/2023 14:16:41	
O4957-01MS	S	TKN-NH3	P	5.0009	mg/l	10/20/2023 14:16:42	
O4957-01MSD	S	TKN-NH3	P	4.9871	mg/l	10/20/2023 14:16:43	
O4957-02	S	TKN-NH3	P	0.1061	mg/l	10/20/2023 14:16:44	
O4957-03	S	TKN-NH3	P	0.1393	mg/l	10/20/2023 14:16:45	
O4957-04	S	TKN-NH3	P	0.2003	mg/l	10/20/2023 14:16:46	
CCV3	S	TKN-NH3	P	5.0829	mg/l	10/20/2023 14:16:47	
CCB3	S	TKN-NH3	P	0.0386	mg/l	10/20/2023 14:16:48	
O4909-01DLX5	S	TKN-NH3	P	3.8556	mg/l	10/20/2023 14:44:24	
CCV4	S	TKN-NH3	P	5.2053	mg/l	10/20/2023 14:44:25	
CCB4	S	TKN-NH3	P	0.033	mg/l	10/20/2023 14:44:26	

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Reviewed by : PM Instrument ID : Konelab

10/20/2023 13:10

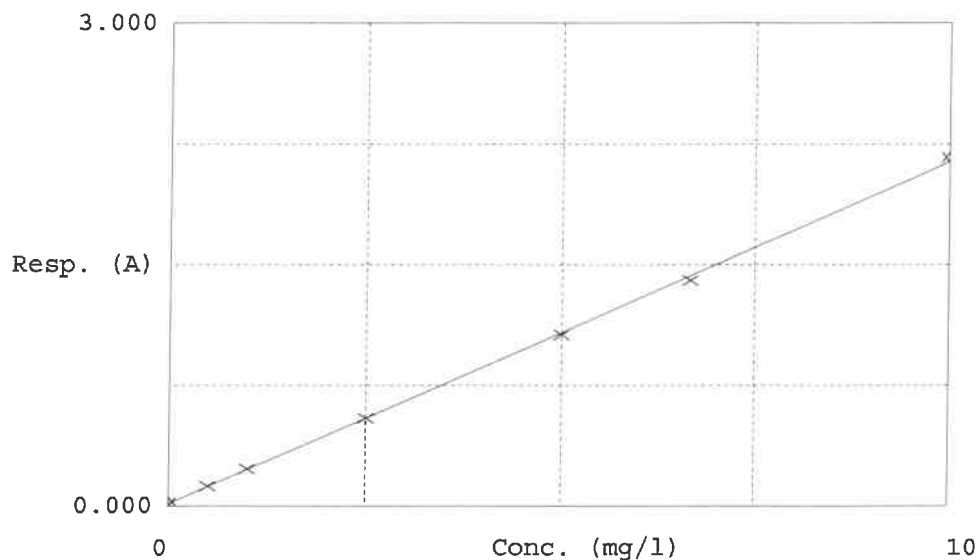
Test TKN-NH3

Accepted 10/20/2023 13:10

Factor 4.706
Bias 0.015

Coeff. of det. 0.999523

Errors



	Calibrator	Response	Calc. con.	Conc.	Re Errors
1	0.00PPM	0.025	0.0474	0.0000	-
2	TKN-10	0.124	0.5131	0.5000	2.6
3	TKN-10	0.231	1.0150	1.0000	1.5
4	TKN-10	0.547	2.5029	2.5000	0.1
5	TKN-10	1.065	4.9415	5.0000	-1.2
6	TKN-10	1.402	6.5278	6.6667	-2.6
7	TKN-10	2.165	10.1190	10.0000	1.2

10/20/23
PM