

LB124847

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

4/5/2023 16:38

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.783	0.0	0.742	
ICB1	0.123	0.0	0.019	
CCV1	5.087	0.0	0.789	
CCB1	0.122	0.0	0.019	
RL CHECK	0.564	0.0	0.088	
PB151737BL	0.118	0.0	0.018	
PB151737BS	4.925	0.0	0.764	
O2096-01	0.373	0.0	0.058	
O2096-01DUP	0.376	0.0	0.058	
O2096-03	0.631	0.0	0.098	
O2096-05	0.338	0.0	0.052	
O2096-07	2.057	0.0	0.319	
CCV2	5.069	0.0	0.786	
CCB2	0.129	0.0	0.020	
O2137-01	0.148	0.0	0.023	
O2137-03	0.163	0.0	0.025	
O2137-05	13.216	0.0	2.049	Test limit high
O2137-07	0.175	0.0	0.027	
O2137-09	0.199	0.0	0.031	
O2137-11	0.215	0.0	0.033	
O2137-14	0.168	0.0	0.026	
O2140-03	0.184	0.0	0.029	
O2140-06	1.044	0.0	0.162	
O2167-01	2.094	0.0	0.325	
CCV3	4.983	0.0	0.773	
CCB3	0.128	0.0	0.020	
O2184-01	1.322	0.0	0.205	
O2187-01	17.480	0.0	2.710	Init abs., Test limit hig
O2190-01	6.330	0.0	0.981	
O2187-01DLX2	9.057	0.0	1.404	
O2096-01MS	5.341	0.0	0.828	
O2096-01MSD	5.094	0.0	0.790	
O2137-05DLX2	6.643	0.0	1.030	
CCV4	5.131	0.0	0.796	
CCB4	0.149	0.0	0.023	

N 35
Mean 2.970
SD 4.0398
CV% 136.01

Aquakem v. 7.2AQ1

Results from time period:

Wed Apr 05 15:08:17 2023

Wed Apr 05 16:38:05 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1379	mg/l	4/5/2023 15:08:17	
0.5PPM	A	TKN-NH3	P	0.5527	mg/l	4/5/2023 15:08:18	
1.0PPM	A	TKN-NH3	P	0.9928	mg/l	4/5/2023 15:08:19	
2.5PPM	A	TKN-NH3	P	2.4087	mg/l	4/5/2023 15:08:20	
5.0PPM	A	TKN-NH3	P	4.9371	mg/l	4/5/2023 15:08:21	
6.7PPM	A	TKN-NH3	P	6.422	mg/l	4/5/2023 15:08:22	
10.0PPM	A	TKN-NH3	P	10.2155	mg/l	4/5/2023 15:08:23	
ICV1	S	TKN-NH3	P	4.7829	mg/l	4/5/2023 15:45:04	
ICB1	S	TKN-NH3	P	0.1229	mg/l	4/5/2023 15:45:05	
CCV1	S	TKN-NH3	P	5.0873	mg/l	4/5/2023 15:45:07	
CCB1	S	TKN-NH3	P	0.1219	mg/l	4/5/2023 15:45:10	
RL CHECK	S	TKN-NH3	P	0.5641	mg/l	4/5/2023 15:45:12	
PB151737BL	S	TKN-NH3	P	0.118	mg/l	4/5/2023 15:45:14	
PB151737BS	S	TKN-NH3	P	4.925	mg/l	4/5/2023 15:55:48	
O2096-01	S	TKN-NH3	P	0.3728	mg/l	4/5/2023 15:55:49	
O2096-01DUP	S	TKN-NH3	P	0.376	mg/l	4/5/2023 15:55:50	
O2096-03	S	TKN-NH3	P	0.6307	mg/l	4/5/2023 15:55:53	
O2096-05	S	TKN-NH3	P	0.338	mg/l	4/5/2023 15:55:54	
O2096-07	S	TKN-NH3	P	2.0566	mg/l	4/5/2023 15:55:55	
CCV2	S	TKN-NH3	P	5.0686	mg/l	4/5/2023 15:55:56	
CCB2	S	TKN-NH3	P	0.1291	mg/l	4/5/2023 15:55:57	
O2137-01	S	TKN-NH3	P	0.1485	mg/l	4/5/2023 15:55:58	
O2137-03	S	TKN-NH3	P	0.1626	mg/l	4/5/2023 16:06:31	
O2137-05	S	TKN-NH3	P	13.2156	mg/l	4/5/2023 16:06:33	
O2137-07	S	TKN-NH3	P	0.1747	mg/l	4/5/2023 16:06:34	
O2137-09	S	TKN-NH3	P	0.1993	mg/l	4/5/2023 16:06:35	
O2137-11	S	TKN-NH3	P	0.2154	mg/l	4/5/2023 16:06:36	
O2137-14	S	TKN-NH3	P	0.1684	mg/l	4/5/2023 16:06:37	
O2140-03	S	TKN-NH3	P	0.1842	mg/l	4/5/2023 16:06:38	
O2140-06	S	TKN-NH3	P	1.0442	mg/l	4/5/2023 16:06:39	
O2167-01	S	TKN-NH3	P	2.0936	mg/l	4/5/2023 16:06:40	
CCV3	S	TKN-NH3	P	4.983	mg/l	4/5/2023 16:06:41	
CCB3	S	TKN-NH3	P	0.1278	mg/l	4/5/2023 16:06:42	
O2184-01	S	TKN-NH3	P	1.3223	mg/l	4/5/2023 16:17:15	
O2187-01	S	TKN-NH3	P	17.48	mg/l	4/5/2023 16:17:16	
O2190-01	S	TKN-NH3	P	6.3304	mg/l	4/5/2023 16:17:18	
O2187-01DLX2	S	TKN-NH3	P	9.0574	mg/l	4/5/2023 16:17:21	
O2096-01MS	S	TKN-NH3	P	5.3409	mg/l	4/5/2023 16:38:01	
O2096-01MSD	S	TKN-NH3	P	5.0937	mg/l	4/5/2023 16:38:02	
O2137-05DLX2	S	TKN-NH3	P	6.6433	mg/l	4/5/2023 16:38:03	
CCV4	S	TKN-NH3	P	5.1312	mg/l	4/5/2023 16:38:04	
CCB4	S	TKN-NH3	P	0.1488	mg/l	4/5/2023 16:38:05	

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Reviewed by : 12

Instrument ID : Konelab

4/5/2023 15:08

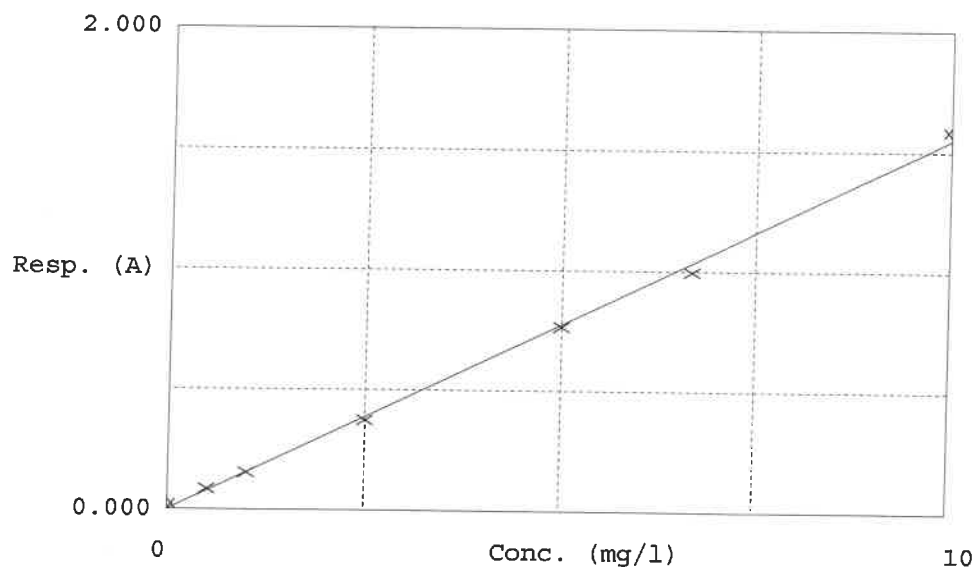
Test TKN-NH3

Accepted 4/5/2023 15:08

Factor 6.45
Bias 0

Coeff. of det. 0.998307

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.021	0.1379	0.0000	-
2	TKN-10	0.086	0.5527	0.5000	10.5
3	TKN-10	0.154	0.9928	1.0000	-0.7
4	TKN-10	0.373	2.4087	2.5000	-3.7
5	TKN-10	0.765	4.9371	5.0000	-1.3
6	TKN-10	0.996	6.4220	6.6667	-4.1
7	TKN-10	1.584	10.2155	10.0000	2.2

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4/5/23