

LB125282

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

5/4/2023 13:02

Test: TKN-NH3

Sample Id	^{m/c} Result	Dil. 1 +	Response	Errors
ICV1	4.910	0.0	0.888	
ICB1	0.019	0.0	0.019	
CCV1	4.851	0.0	0.878	
CCB1	0.012	0.0	0.018	
RL CHECK	0.498	0.0	0.104	100% (50-150)
PB152539BL	0.011	0.0	0.017	
PB152539BS	5.058	0.0	0.914	
O2213-03	0.261	0.0	0.062	
O2500-08	21.467	0.0	3.831	Init abs., Test limit hig
PB152437BL	0.013	0.0	0.018	
PB152437BS	5.101	0.0	0.922	
O2495-01	5.323	0.0	0.962	
O2495-03	33.147	0.0	5.907	Init abs., Test limit hig
O2495-05	3.475	0.0	0.633	
CCV2	4.842	0.0	0.876	
CCB2	0.019	0.0	0.019	
O2495-07	4.053	0.0	0.736	
O2495-09	6.925	0.0	1.246	
O2521-01	12.367	0.0	2.214	Test limit high
O2521-03	30.976	0.0	5.521	Init abs., Test limit hig
O2521-05	0.518	0.0	0.107	
O2521-07	4.674	0.0	0.846	
O2521-07DUP	4.867	0.0	0.881	
O2521-09MS	9.450	0.0	1.695	
O2521-10MSD	9.038	0.0	1.622	
O2521-14	0.042	0.0	0.023	
CCV3	5.145	0.0	0.930	
CCB3	0.016	0.0	0.018	
O2495-03DLX10	5.261	0.0	0.951	
O2521-01DLX2	6.502	0.0	1.171	
O2521-03DLX10	4.959	0.0	0.897	
O2500-08DLX5	4.854	0.0	0.878	
CCV4	5.075	0.0	0.918	
CCB4	0.021	0.0	0.019	

N 34
 Mean 5.993
 SD 7.9123
 CV% 132.03

Aquakem v. 7.2AQ1

Results from time period:

Thu May 04 10:08:23 2023

Thu May 04 12:49:13 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.023	mg/l	5/4/2023 10:08:23	
0.5PPM	A	TKN-NH3	P	0.4917	mg/l	5/4/2023 10:08:24	
1.0PPM	A	TKN-NH3	P	0.9778	mg/l	5/4/2023 10:08:25	
2.5PPM	A	TKN-NH3	P	2.5242	mg/l	5/4/2023 10:08:26	
5.0PPM	A	TKN-NH3	P	5.0606	mg/l	5/4/2023 10:08:27	
6.7PPM	A	TKN-NH3	P	6.5356	mg/l	5/4/2023 10:08:28	
10.0PPM	A	TKN-NH3	P	10.0537	mg/l	5/4/2023 10:08:29	
ICV1	S	TKN-NH3	P	4.9104	mg/l	5/4/2023 10:49:45	
ICB1	S	TKN-NH3	P	0.0192	mg/l	5/4/2023 10:49:46	
CCV1	S	TKN-NH3	P	4.851	mg/l	5/4/2023 10:49:48	
CCB1	S	TKN-NH3	P	0.0117	mg/l	5/4/2023 10:49:50	
RL CHECK	S	TKN-NH3	P	0.4984	mg/l	5/4/2023 10:49:53	
PB152539BL	S	TKN-NH3	P	0.0109	mg/l	5/4/2023 10:49:54	
PB152539BS	S	TKN-NH3	P	5.0575	mg/l	5/4/2023 11:00:28	
O2213-03	S	TKN-NH3	P	0.2614	mg/l	5/4/2023 11:00:30	
O2500-08	S	TKN-NH3	P	21.467	mg/l	5/4/2023 11:00:34	
PB152437BL	S	TKN-NH3	P	0.013	mg/l	5/4/2023 11:11:14	
PB152437BS	S	TKN-NH3	P	5.1014	mg/l	5/4/2023 11:11:16	
O2495-01	S	TKN-NH3	P	5.3227	mg/l	5/4/2023 11:11:17	
O2495-03	S	TKN-NH3	P	33.1471	mg/l	5/4/2023 11:11:18	
O2495-05	S	TKN-NH3	P	3.4746	mg/l	5/4/2023 11:11:19	
CCV2	S	TKN-NH3	P	4.842	mg/l	5/4/2023 11:11:20	
CCB2	S	TKN-NH3	P	0.0188	mg/l	5/4/2023 11:11:21	
O2495-07	S	TKN-NH3	P	4.0532	mg/l	5/4/2023 11:11:22	
O2495-09	S	TKN-NH3	P	6.9253	mg/l	5/4/2023 11:11:23	
O2521-01	S	TKN-NH3	P	12.3669	mg/l	5/4/2023 11:21:54	
O2521-03	S	TKN-NH3	P	30.9757	mg/l	5/4/2023 11:21:55	
O2521-05	S	TKN-NH3	P	0.5176	mg/l	5/4/2023 11:21:56	
O2521-07	S	TKN-NH3	P	4.6743	mg/l	5/4/2023 11:21:57	
O2521-07DUP	S	TKN-NH3	P	4.8671	mg/l	5/4/2023 11:21:58	
O2521-09MS	S	TKN-NH3	P	9.4504	mg/l	5/4/2023 11:22:01	
O2521-10MSD	S	TKN-NH3	P	9.0382	mg/l	5/4/2023 11:22:02	
O2521-14	S	TKN-NH3	P	0.0423	mg/l	5/4/2023 11:22:03	
CCV3	S	TKN-NH3	P	5.1448	mg/l	5/4/2023 11:22:04	
CCB3	S	TKN-NH3	P	0.0164	mg/l	5/4/2023 11:22:05	
O2495-03DLX10	S	TKN-NH3	P	5.261	mg/l	5/4/2023 12:20:57	
O2521-01DLX2	S	TKN-NH3	P	6.5023	mg/l	5/4/2023 12:20:58	
O2521-03DLX10	S	TKN-NH3	P	4.9593	mg/l	5/4/2023 12:20:59	
O2500-08DLX5	S	TKN-NH3	P	4.8535	mg/l	5/4/2023 12:49:10	
CCV4	S	TKN-NH3	P	5.075	mg/l	5/4/2023 12:49:12	
CCB4	S	TKN-NH3	P	0.0206	mg/l	5/4/2023 12:49:13	

Calibration results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

5/4/2023 10:09

Reviewed by : 12

Instrument ID : Konelab

Test TKN-NH3

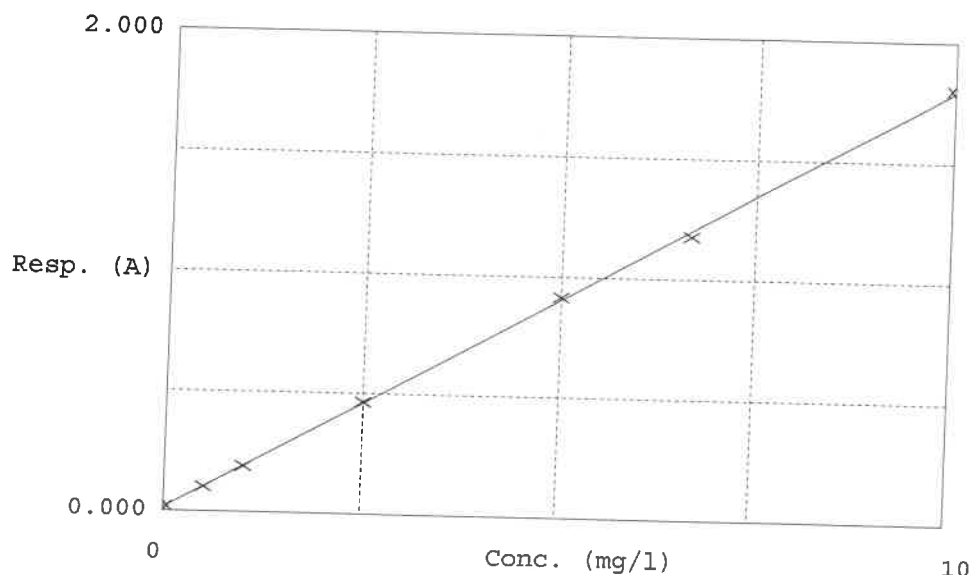
Accepted 5/4/2023 10:09

Factor 5.626

Bias 0.015

Coeff. of det. 0.999693

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.020	0.0230	0.0000	-
2	TKN-10	0.103	0.4917	0.5000	-1.7
3	TKN-10	0.189	0.9778	1.0000	-2.2
4	TKN-10	0.464	2.5242	2.5000	1.0
5	TKN-10	0.915	5.0606	5.0000	1.2
6	TKN-10	1.177	6.5356	6.6667	-2.5
7	TKN-10	1.803	10.0537	10.0000	0.5

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5/4/23