

LB129547

Test results

Aquakem 7.2AQ1

Page: 1

CHEMTECH CONSULTING GROUP INC

284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

2/15/2024 15:01

Test: TKN-NH3

Sample Id	<i>MdL</i> Result	Dil. 1 +	Response	Errors
ICV1	5.043	0.0	1.039	
ICB1	0.042	0.0	0.016	
CCV1	4.883	0.0	1.006	
CCB1	0.044	0.0	0.017	
RL CHECK	0.513	0.0	0.113	
PB158935BL	-0.522	0.0	-0.099	
PB158935BS	5.071	0.0	1.044	
P1187-09	0.297	0.0	0.068	
P1404-01	0.073	0.0	0.023	
P1404-01DUP	0.072	0.0	0.023	
P1404-01MS	4.670	0.0	0.962	
P1404-01MSD	4.630	0.0	0.954	
P1458-01	0.061	0.0	0.020	
PB158936BL	0.051	0.0	0.018	
CCV2	4.917	0.0	1.013	
CCB2	0.060	0.0	0.020	
PB158936BS	5.133	0.0	1.057	
P1187-03	0.300	0.0	0.069	
CCV3	5.128	0.0	1.056	
CCB3	0.049	0.0	0.018	

N 20
Mean 2.026
SD 2.4465
CV% 120.77

- 102% (50-150)
RM
02/15/2024

Aquakem v. 7.2AQ1

Results from time period:

Thu Feb 15 12:58:36 2024

Thu Feb 15 14:52:26 2024

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.0527	mg/l	2/15/2024 12:58:36	
0.5PPM	A	TKN-NH3	P	0.5142	mg/l	2/15/2024 12:58:37	
1.0PPM	A	TKN-NH3	P	1.0103	mg/l	2/15/2024 12:58:38	
2.5PPM	A	TKN-NH3	P	2.5044	mg/l	2/15/2024 12:58:39	
5.0PPM	A	TKN-NH3	P	4.9307	mg/l	2/15/2024 12:58:40	
6.7PPM	A	TKN-NH3	P	6.5344	mg/l	2/15/2024 12:58:41	
10.0PPM	A	TKN-NH3	P	10.12	mg/l	2/15/2024 12:58:42	
ICV1	S	TKN-NH3	P	5.0431	mg/l	2/15/2024 14:24:19	
ICB1	S	TKN-NH3	P	0.0423	mg/l	2/15/2024 14:24:20	
CCV1	S	TKN-NH3	P	4.883	mg/l	2/15/2024 14:24:23	
CCB1	S	TKN-NH3	P	0.0437	mg/l	2/15/2024 14:24:24	
RL CHECK	S	TKN-NH3	P	0.513	mg/l	2/15/2024 14:24:27	
PB158935BL	S	TKN-NH3	P	-0.5222	mg/l	2/15/2024 14:24:28	
PB158935BS	S	TKN-NH3	P	5.0714	mg/l	2/15/2024 14:35:03	
P1187-09	S	TKN-NH3	P	0.2972	mg/l	2/15/2024 14:35:05	
P1404-01	S	TKN-NH3	P	0.0728	mg/l	2/15/2024 14:35:08	
P1404-01DUP	S	TKN-NH3	P	0.0723	mg/l	2/15/2024 14:35:09	
P1404-01MS	S	TKN-NH3	P	4.6704	mg/l	2/15/2024 14:35:12	
P1404-01MSD	S	TKN-NH3	P	4.6295	mg/l	2/15/2024 14:35:13	
P1458-01	S	TKN-NH3	P	0.0614	mg/l	2/15/2024 14:45:44	
PB158936BL	S	TKN-NH3	P	0.0513	mg/l	2/15/2024 14:45:45	
CCV2	S	TKN-NH3	P	4.9169	mg/l	2/15/2024 14:45:48	
CCB2	S	TKN-NH3	P	0.0604	mg/l	2/15/2024 14:45:50	
PB158936BS	S	TKN-NH3	P	5.1329	mg/l	2/15/2024 14:45:52	
P1187-03	S	TKN-NH3	P	0.2999	mg/l	2/15/2024 14:45:54	
CCV3	S	TKN-NH3	P	5.1285	mg/l	2/15/2024 14:52:24	
CCB3	S	TKN-NH3	P	0.0487	mg/l	2/15/2024 14:52:26	

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2/15/2024 13:01

Test TKN-NH3

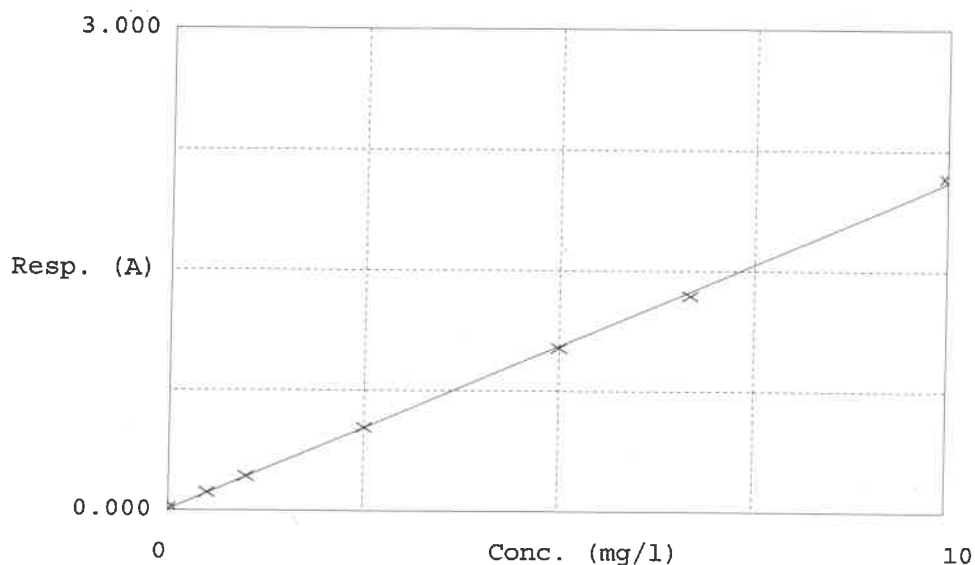
Accepted 2/15/2024 13:01

Factor 4.892

Bias 0.008

Coeff. of det. 0.999520

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.018	0.0527	0.0000	-
2	TKN-10	0.113	0.5142	0.5000	2.8
3	TKN-10	0.214	1.0103	1.0000	1.0
4	TKN-10	0.520	2.5044	2.5000	0.2
5	TKN-10	1.016	4.9307	5.0000	-1.4
6	TKN-10	1.343	6.5344	6.6667	-2.5
7	TKN-10	2.076	10.1200	10.0000	1.2

02/15/2024
RM