

LB136167

Test results

Aquakem 7.2AQ1

Page:

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

Reviewed by : 12

Instrument ID : Konelab

6/16/2025 16:34

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.788	0.0	1.024	
ICB1	0.029	0.0	0.064	
CCV1	5.132	0.0	1.094	
CCB1	0.029	0.0	0.064	
RL CHECK	0.485	0.0	0.156	
PB168445BL	0.033	0.0	0.065	
PB168445BS	4.944	0.0	1.056	
Q2126-09	0.255	0.0	0.110	
Q2286-03	21.803	0.0	4.457	
Q2286-03DUP	23.008	0.0	4.700	Init abs., Test limit hig
Q2286-03MS	23.429	0.0	4.785	Init abs., Test limit hig
Q2286-03MSD	23.047	0.0	4.708	Init abs., Test limit hig
Q2289-01	2.523	0.0	0.567	Init abs., Test limit hig
Q2289-02	1.532	0.0	0.368	
CCV2	4.928	0.0	1.053	
CCB2	0.044	0.0	0.067	
Q2289-03	5.494	0.0	1.167	
Q2290-01	1.037	0.0	0.268	
Q2290-02	1.294	0.0	0.320	
Q2291-01	2.116	0.0	0.485	
Q2292-01	1.611	0.0	0.384	
Q2292-02	1.311	0.0	0.323	
Q2293-01	1.133	0.0	0.287	
PB168451BL	0.030	0.0	0.065	
PB168451BS	5.002	0.0	1.067	
Q2126-03	0.253	0.0	0.110	
CCV3	5.049	0.0	1.077	
CCB3	0.043	0.0	0.067	
Q2286-03DLX5	5.166	0.0	1.101	
Q2286-03DUPDLX5	5.164	0.0	1.100	
CCV4	5.217	0.0	1.111	
CCB4	0.030	0.0	0.064	

97% (50-150)

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Init abs., Test limit hig
Init abs., Test limit hig
Init abs., Test limit hig
Init abs., Test limit hig

N 32
Mean 4.874
SD 7.1974
CV% 147.67

Aquakem v. 7.2AQ1

Results from time period:

Mon Jun 16 14:49:57 2025

Mon Jun 16 16:29:55 2025

Sample Id	Sam/Ctr/c	Test short r	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.0432	mg/l	6/16/2025 14:49:57
0.5PPM	A	TKN-NH3	P	0.5078	mg/l	6/16/2025 14:49:58
1.0PPM	A	TKN-NH3	P	1.0082	mg/l	6/16/2025 14:49:59
2.5PPM	A	TKN-NH3	P	2.5163	mg/l	6/16/2025 14:50:00
5.0PPM	A	TKN-NH3	P	4.872	mg/l	6/16/2025 14:50:01
6.7PPM	A	TKN-NH3	P	6.6482	mg/l	6/16/2025 14:50:02
10.0PPM	A	TKN-NH3	P	10.071	mg/l	6/16/2025 14:50:03
ICV1	S	TKN-NH3	P	4.7875	mg/l	6/16/2025 15:29:11
ICB1	S	TKN-NH3	P	0.0293	mg/l	6/16/2025 15:29:12
CCV1	S	TKN-NH3	P	5.1325	mg/l	6/16/2025 15:29:15
CCB1	S	TKN-NH3	P	0.0291	mg/l	6/16/2025 15:29:16
RL CHECK	S	TKN-NH3	P	0.4847	mg/l	6/16/2025 15:29:19
PB168445BL	S	TKN-NH3	P	0.0331	mg/l	6/16/2025 15:29:20
PB168445BS	S	TKN-NH3	P	4.9437	mg/l	6/16/2025 15:42:52
Q2126-09	S	TKN-NH3	P	0.2553	mg/l	6/16/2025 15:42:53
Q2286-03	S	TKN-NH3	P	21.8029	mg/l	6/16/2025 15:42:55
Q2286-03DUP	S	TKN-NH3	P	23.0083	mg/l	6/16/2025 15:42:56
Q2286-03MS	S	TKN-NH3	P	23.4287	mg/l	6/16/2025 15:42:57
Q2286-03MSD	S	TKN-NH3	P	23.0473	mg/l	6/16/2025 15:42:58
Q2289-01	S	TKN-NH3	P	2.5228	mg/l	6/16/2025 15:42:59
Q2289-02	S	TKN-NH3	P	1.5323	mg/l	6/16/2025 15:43:00
CCV2	S	TKN-NH3	P	4.9284	mg/l	6/16/2025 15:43:01
CCB2	S	TKN-NH3	P	0.0444	mg/l	6/16/2025 15:43:02
Q2289-03	S	TKN-NH3	P	5.4937	mg/l	6/16/2025 15:43:03
Q2290-01	S	TKN-NH3	P	1.0369	mg/l	6/16/2025 15:53:33
Q2290-02	S	TKN-NH3	P	1.2942	mg/l	6/16/2025 15:53:34
Q2291-01	S	TKN-NH3	P	2.1161	mg/l	6/16/2025 15:53:35
Q2292-01	S	TKN-NH3	P	1.6114	mg/l	6/16/2025 15:53:36
Q2292-02	S	TKN-NH3	P	1.3114	mg/l	6/16/2025 15:53:37
Q2293-01	S	TKN-NH3	P	1.1327	mg/l	6/16/2025 15:53:38
PB168451BL	S	TKN-NH3	P	0.0304	mg/l	6/16/2025 15:53:39
PB168451BS	S	TKN-NH3	P	5.0021	mg/l	6/16/2025 15:53:40
Q2126-03	S	TKN-NH3	P	0.2534	mg/l	6/16/2025 15:53:41
CCV3	S	TKN-NH3	P	5.0493	mg/l	6/16/2025 15:53:42
CCB3	S	TKN-NH3	P	0.0435	mg/l	6/16/2025 15:53:43
Q2286-03DLX5	S	TKN-NH3	P	5.166	mg/l	6/16/2025 16:29:50
Q2286-03DUPDLX5	S	TKN-NH3	P	5.1636	mg/l	6/16/2025 16:29:51
CCV4	S	TKN-NH3	P	5.2172	mg/l	6/16/2025 16:29:52
CCB4	S	TKN-NH3	P	0.0297	mg/l	6/16/2025 16:29:55

Calibration results

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12 Instrument ID : Konelab

6/16/2025 14:55

Test TKN-NH3

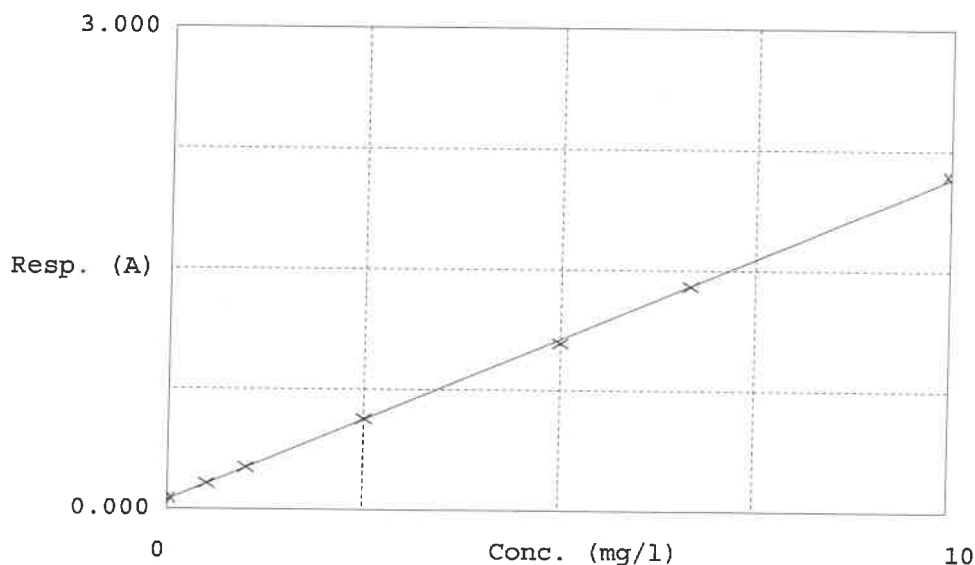
Accepted 6/16/2025 14:53

Factor 4.957

Bias 0.058

Coeff. of det. 0.999710

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.067	0.0432	0.0000	-
2	TKN-10	0.161	0.5078	0.5000	1.6
3	TKN-10	0.262	1.0082	1.0000	0.8
4	TKN-10	0.566	2.5163	2.5000	0.7
5	TKN-10	1.041	4.8720	5.0000	-2.6
6	TKN-10	1.400	6.6482	6.6667	-0.8
7	TKN-10	2.090	10.0710	10.0000	0.7

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