

LB135224

Test results

Aquakem 7.2AQ1

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

3/28/2025 12:37

Reviewed by : RM Instrument ID : Konelab

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.912	0.0	0.957	
ICB1	0.131	0.0	0.028	
CCV1	5.049	0.0	0.984	
CCB1	0.148	0.0	0.032	
RL CHECK	0.647	0.0	0.129	
PB167353BL	0.120	0.0	0.026	
PB167353BS	4.983	0.0	0.971	
Q1644-03	37.602	0.0	7.308	
Q1644-03DUP	37.680	0.0	7.323	
Q1644-03MS	35.975	0.0	6.992	
Q1644-03MSD	37.380	0.0	7.265	
CCV2	4.984	0.0	0.971	
CCB2	0.120	0.0	0.026	
Q1644-03DLX20	13.908	0.0	2.705	
Q1644-03DUPDLX20	14.249	0.0	2.771	
CCV3	5.033	0.0	0.981	
CCB3	0.102	0.0	0.023	
Q1644-03DL2X40	6.605	0.0	1.286	
Q1644-03DUPDL2X40	6.413	0.0	1.249	
CCV4	4.955	0.0	0.966	
CCB4	0.094	0.0	0.021	

1291(50-150) 03/28/2025 RM

Abs. high, Init abs., Tes
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Abs. high, Init abs., Tes

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

03/28/2025
RM

N 21
Mean 10.528
SD 13.8355
CV% 131.42

Aquakem v. 7.2AQ1

Results from time period:

Fri Mar 28 10:42:58 2025

Fri Mar 28 12:34:23 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time
0.0PPM	A	TKN-NH3	P	0.1145	mg/l	3/28/2025 10:42:58
0.5PPM	A	TKN-NH3	P	0.5346	mg/l	3/28/2025 10:42:59
1.0PPM	A	TKN-NH3	P	0.993	mg/l	3/28/2025 10:43:00
2.5PPM	A	TKN-NH3	P	2.4373	mg/l	3/28/2025 10:43:01
5.0PPM	A	TKN-NH3	P	4.7952	mg/l	3/28/2025 10:43:02
6.7PPM	A	TKN-NH3	P	6.6919	mg/l	3/28/2025 10:43:03
10.0PPM	A	TKN-NH3	P	10.1002	mg/l	3/28/2025 10:43:04
ICV1	S	TKN-NH3	P	4.9119	mg/l	3/28/2025 11:19:04
ICB1	S	TKN-NH3	P	0.131	mg/l	3/28/2025 11:19:06
CCV1	S	TKN-NH3	P	5.0493	mg/l	3/28/2025 11:19:09
CCB1	S	TKN-NH3	P	0.1479	mg/l	3/28/2025 11:19:10
RL CHECK	S	TKN-NH3	P	0.6474	mg/l	3/28/2025 11:19:12
PB167353BL	S	TKN-NH3	P	0.1195	mg/l	3/28/2025 11:19:14
PB167353BS	S	TKN-NH3	P	4.9827	mg/l	3/28/2025 11:29:46
Q1644-03	S	TKN-NH3	P	37.6023	mg/l	3/28/2025 11:29:48
Q1644-03DUP	S	TKN-NH3	P	37.6799	mg/l	3/28/2025 11:29:51
Q1644-03MS	S	TKN-NH3	P	35.9752	mg/l	3/28/2025 11:29:52
Q1644-03MSD	S	TKN-NH3	P	37.3797	mg/l	3/28/2025 11:29:54
CCV2	S	TKN-NH3	P	4.984	mg/l	3/28/2025 11:36:26
CCB2	S	TKN-NH3	P	0.1195	mg/l	3/28/2025 11:36:28
Q1644-03DLX20	S	TKN-NH3	P	13.908	mg/l	3/28/2025 12:10:00
Q1644-03DUPDLX20	S	TKN-NH3	P	14.2486	mg/l	3/28/2025 12:10:02
CCV3	S	TKN-NH3	P	5.0331	mg/l	3/28/2025 12:10:04
CCB3	S	TKN-NH3	P	0.1024	mg/l	3/28/2025 12:10:07
Q1644-03DL2X40	S	TKN-NH3	P	6.6045	mg/l	3/28/2025 12:34:16
Q1644-03DUPDL2X40	S	TKN-NH3	P	6.4126	mg/l	3/28/2025 12:34:18
CCV4	S	TKN-NH3	P	4.9555	mg/l	3/28/2025 12:34:21
CCB4	S	TKN-NH3	P	0.0941	mg/l	3/28/2025 12:34:23

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Reviewed by : RM Instrument ID : Konelab

3/28/2025 10:50

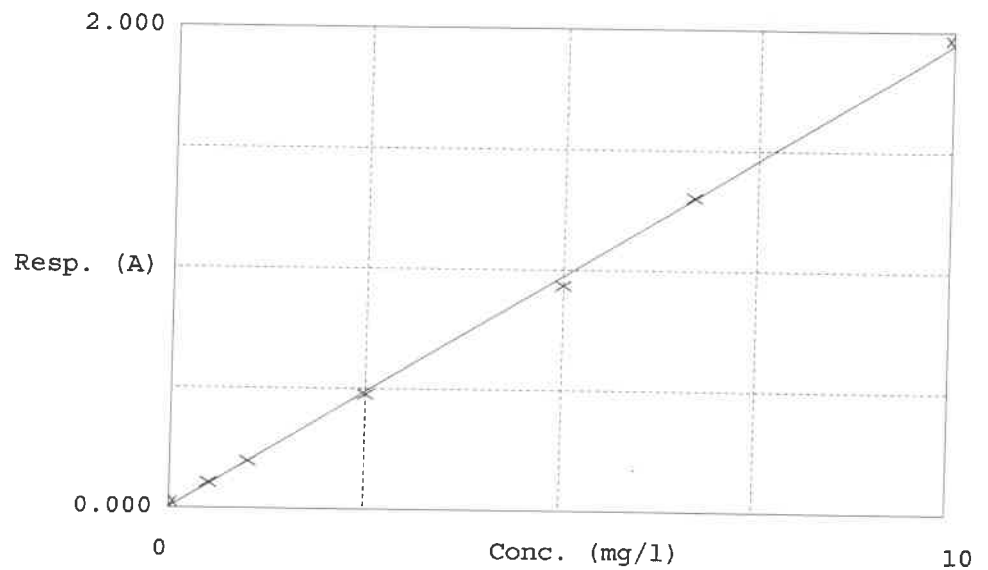
Test TKN-NH3

Accepted 3/28/2025 10:50

Factor 5.148
Bias 0.003

Coeff. of det. 0.999145

Errors



	Calibrator	Response	Calc. con.	Conc.	^{Re} Errors
1	0.00PPM	0.025	0.1145	0.0000	-
2	TKN-10	0.107	0.5346	0.5000	6.9
3	TKN-10	0.196	0.9930	1.0000	-0.7
4	TKN-10	0.476	2.4373	2.5000	-2.5
5	TKN-10	0.935	4.7952	5.0000	-4.1
6	TKN-10	1.303	6.6919	6.6667	-0.1
7	TKN-10	1.965	10.1002	10.0000	1.0

03/28/2025
RM