

LB136

Test results Aquakem 7.2AQ1 Page:

Alliance Technical Group
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM Instrument ID : Konelab

7/7/2025 13:53

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	98.052	0.0	0.076	
ICB1	0.557	0.0	0.001	
CCV1	246.825	0.0	0.190	
CCB1	0.280	0.0	0.001	
PB168730BL	0.008	0.0	0.001	
PB168730BS	98.472	0.0	0.076	
LOWPB168730	9.881	0.0	0.008	
HIGHPB168730	491.684	0.0	0.378	
Q2494-01	3.841	0.0	0.004	
Q2494-02	0.806	0.0	0.001	
Q2494-03	0.190	0.0	0.001	
Q2494-04	0.471	0.0	0.001	
Q2494-05	21.780	0.0	0.018	
Q2494-06	2.493	0.0	0.003	
CCV2	240.843	0.0	0.186	
CCB2	0.197	0.0	0.001	
Q2494-07	-0.096	0.0	0.001	
Q2494-08	0.207	0.0	0.001	
Q2494-09	0.955	0.0	0.002	
Q2494-10	1.242	0.0	0.002	
Q2494-11	0.671	0.0	0.001	
Q2494-12	1.055	0.0	0.002	
Q2494-13	-0.085	0.0	0.001	
Q2497-21	0.053	0.0	0.001	
Q2497-22	0.502	0.0	0.001	
Q2497-23	6.820	0.0	0.006	
CCV3	241.540	0.0	0.186	
CCB3	0.063	0.0	0.001	
Q2498-01	1.446	0.0	0.002	
Q2498-02	1.350	0.0	0.002	
Q2498-03	1.386	0.0	0.002	
Q2498-03DUP	1.267	0.0	0.002	
Q2498-03MS	38.340	0.0	0.030	
Q2498-03MSD	39.173	0.0	0.031	
PB168729BS	100.888	0.0	0.078	
Q2497-01	5.938	0.0	0.005	
Q2497-02	3.951	0.0	0.004	
Q2497-03	0.400	0.0	0.001	
CCV4	241.594	0.0	0.186	
CCB4	0.341	0.0	0.001	
Q2497-04	0.389	0.0	0.001	
Q2497-05	0.171	0.0	0.001	
Q2497-06	-0.106	0.0	0.001	
Q2497-07	0.120	0.0	0.001	
Q2497-08	0.608	0.0	0.001	
Q2497-09	0.547	0.0	0.001	
Q2497-10	-0.084	0.0	0.001	
Q2497-11	0.061	0.0	0.001	
Q2497-12	0.240	0.0	0.001	
Q2497-13	1.033	0.0	0.002	
CCV5	245.430	0.0	0.189	
CCB5	0.354	0.0	0.001	
Q2497-14	0.231	0.0	0.001	
Q2497-15	1.073	0.0	0.002	
Q2497-16	2.867	0.0	0.003	

98% (90-110)

98% (90-110)

07/07/2025
RM

Test results

Aquakem 7.2AQ1

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7/7/2025 13:53

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
Q2497-17	-0.437	0.0	0.000	
Q2497-18	1.418	0.0	0.002	
Q2497-19	2.408	0.0	0.003	
Q2497-20	0.411	0.0	0.001	
Q2497-20DUP	0.681	0.0	0.001	
Q2497-20MS	39.016	0.0	0.031	
Q2497-20MSD	43.744	0.0	0.034	
CCV6	249.172	0.0	0.192	
CCB6	0.540	0.0	0.001	
PB168729BL	0.128	0.0	0.001	
CCV7	249.390	0.0	0.192	
CCB7	-0.041	0.0	0.001	

N	67
Mean	40.966
SD	94.2369
CV%	230.04

Aquakem v. 7.2AQ1

Results from time period:

Mon Jul 07 10:39:33 2025

Mon Jul 07 13:45:41 2025

Sample Id	Sam/Ctr/cf	Test short r	Test type	Result	Result unit	Result date and time Stat
0.0PPBCN	A	Total CN	P	-0.2651	µg/l	7/7/2025 10:39:33
5.0PPBCN	A	Total CN	P	4.4801	µg/l	7/7/2025 10:39:34
10PPBCN	A	Total CN	P	9.527	µg/l	7/7/2025 10:39:35
50PPBCN	A	Total CN	P	49.6599	µg/l	7/7/2025 10:39:36
100PPBCN	A	Total CN	P	100.7266	µg/l	7/7/2025 10:39:37
250PPBCN	A	Total CN	P	251.9362	µg/l	7/7/2025 10:39:38
500PPBCN	A	Total CN	P	498.9352	µg/l	7/7/2025 10:39:39
ICV1	S	Total CN	P	98.0524	µg/l	7/7/2025 12:32:19
ICB1	S	Total CN	P	0.5569	µg/l	7/7/2025 12:32:21
CCV1	S	Total CN	P	246.8252	µg/l	7/7/2025 12:32:23
CCB1	S	Total CN	P	0.2795	µg/l	7/7/2025 12:32:25
PB168730BL	S	Total CN	P	0.008	µg/l	7/7/2025 12:32:28
PB168730BS	S	Total CN	P	98.4719	µg/l	7/7/2025 12:39:54
LOWPB168730	S	Total CN	P	9.8813	µg/l	7/7/2025 12:39:55
HIGHPB168730	S	Total CN	P	491.6835	µg/l	7/7/2025 12:39:58
Q2494-01	S	Total CN	P	3.8409	µg/l	7/7/2025 12:39:59
Q2494-02	S	Total CN	P	0.806	µg/l	7/7/2025 12:40:00
Q2494-03	S	Total CN	P	0.1904	µg/l	7/7/2025 12:40:01
Q2494-04	S	Total CN	P	0.4715	µg/l	7/7/2025 12:40:02
Q2494-05	S	Total CN	P	21.7803	µg/l	7/7/2025 12:40:03
Q2494-06	S	Total CN	P	2.4926	µg/l	7/7/2025 12:40:04
CCV2	S	Total CN	P	240.8428	µg/l	7/7/2025 12:47:29
CCB2	S	Total CN	P	0.1968	µg/l	7/7/2025 12:47:30
Q2494-07	S	Total CN	P	-0.096	µg/l	7/7/2025 12:47:31
Q2494-08	S	Total CN	P	0.2075	µg/l	7/7/2025 12:47:32
Q2494-09	S	Total CN	P	0.9546	µg/l	7/7/2025 12:47:33
Q2494-10	S	Total CN	P	1.2418	µg/l	7/7/2025 12:47:34
Q2494-11	S	Total CN	P	0.6713	µg/l	7/7/2025 12:47:35
Q2494-12	S	Total CN	P	1.0552	µg/l	7/7/2025 12:47:36
Q2494-13	S	Total CN	P	-0.085	µg/l	7/7/2025 12:47:37
Q2497-21	S	Total CN	P	0.0531	µg/l	7/7/2025 12:47:38
Q2497-22	S	Total CN	P	0.5017	µg/l	7/7/2025 12:47:39
Q2497-23	S	Total CN	P	6.8201	µg/l	7/7/2025 12:55:04
CCV3	S	Total CN	P	241.5401	µg/l	7/7/2025 12:55:05
CCB3	S	Total CN	P	0.063	µg/l	7/7/2025 12:55:06
Q2498-01	S	Total CN	P	1.4464	µg/l	7/7/2025 12:55:07
Q2498-02	S	Total CN	P	1.3498	µg/l	7/7/2025 12:55:08
Q2498-03	S	Total CN	P	1.3859	µg/l	7/7/2025 12:55:09
Q2498-03DUP	S	Total CN	P	1.2667	µg/l	7/7/2025 12:55:10

Q2498-03MS	S	Total CN	P	38.3397 µg/l	7/7/2025 12:55:11
Q2498-03MSD	S	Total CN	P	39.173 µg/l	7/7/2025 12:55:12
PB168729BS	S	Total CN	P	100.8876 µg/l	7/7/2025 12:55:13
Q2497-01	S	Total CN	P	5.938 µg/l	7/7/2025 12:55:14
Q2497-02	S	Total CN	P	3.9514 µg/l	7/7/2025 13:02:39
Q2497-03	S	Total CN	P	0.3997 µg/l	7/7/2025 13:02:40
CCV4	S	Total CN	P	241.5939 µg/l	7/7/2025 13:02:41
CCB4	S	Total CN	P	0.3413 µg/l	7/7/2025 13:02:42
Q2497-04	S	Total CN	P	0.3889 µg/l	7/7/2025 13:02:43
Q2497-05	S	Total CN	P	0.1707 µg/l	7/7/2025 13:02:44
Q2497-06	S	Total CN	P	-0.1059 µg/l	7/7/2025 13:02:45
Q2497-07	S	Total CN	P	0.1202 µg/l	7/7/2025 13:02:46
Q2497-08	S	Total CN	P	0.6078 µg/l	7/7/2025 13:02:47
Q2497-09	S	Total CN	P	0.5467 µg/l	7/7/2025 13:02:48
Q2497-10	S	Total CN	P	-0.0841 µg/l	7/7/2025 13:02:49
Q2497-11	S	Total CN	P	0.0615 µg/l	7/7/2025 13:10:11
Q2497-12	S	Total CN	P	0.2398 µg/l	7/7/2025 13:10:12
Q2497-13	S	Total CN	P	1.0334 µg/l	7/7/2025 13:10:13
CCV5	S	Total CN	P	245.4299 µg/l	7/7/2025 13:10:14
CCB5	S	Total CN	P	0.3539 µg/l	7/7/2025 13:10:15
Q2497-14	S	Total CN	P	0.231 µg/l	7/7/2025 13:10:16
Q2497-15	S	Total CN	P	1.0732 µg/l	7/7/2025 13:10:17
Q2497-16	S	Total CN	P	2.8669 µg/l	7/7/2025 13:10:18
Q2497-17	S	Total CN	P	-0.4369 µg/l	7/7/2025 13:10:19
Q2497-18	S	Total CN	P	1.4179 µg/l	7/7/2025 13:10:20
Q2497-19	S	Total CN	P	2.4081 µg/l	7/7/2025 13:10:21
Q2497-20	S	Total CN	P	0.4106 µg/l	7/7/2025 13:17:46
Q2497-20DUP	S	Total CN	P	0.681 µg/l	7/7/2025 13:17:47
Q2497-20MS	S	Total CN	P	39.0156 µg/l	7/7/2025 13:17:48
Q2497-20MSD	S	Total CN	P	43.744 µg/l	7/7/2025 13:17:49
CCV6	S	Total CN	P	249.172 µg/l	7/7/2025 13:17:51
CCB6	S	Total CN	P	0.54 µg/l	7/7/2025 13:17:52
PB168729BL	S	Total CN	P	0.1285 µg/l	7/7/2025 13:17:53
CCV7	S	Total CN	P	249.3905 µg/l	7/7/2025 13:17:56
CCB7	S	Total CN	P	-0.0413 µg/l	7/7/2025 13:20:34

Calibration results

Aquakem 7.2AQ1

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : RM

Instrument ID : Konelab

7/7/2025 11:40

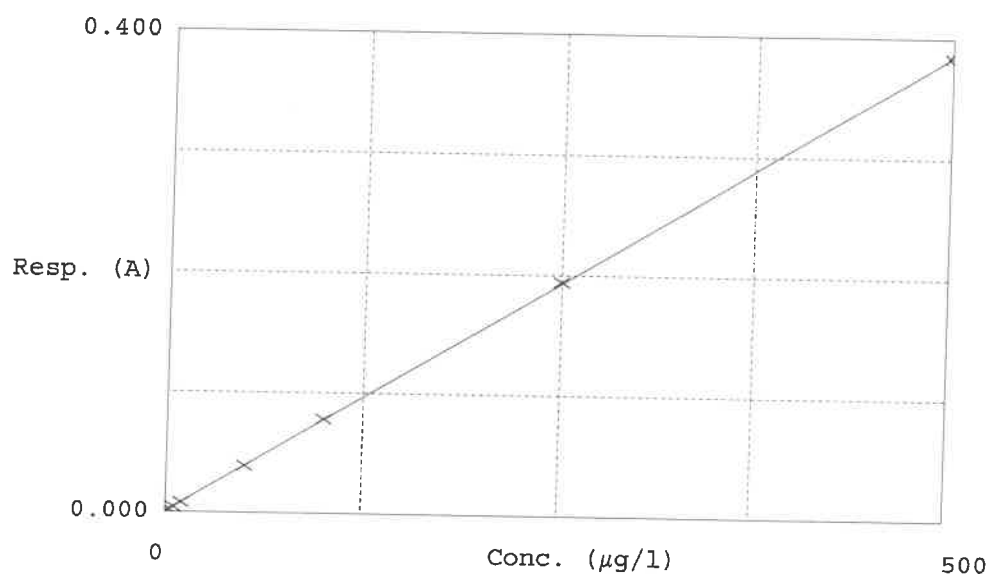
Test Total CN

Accepted 7/7/2025 10:50

Factor 1302
Bias 0.001

Coeff. of det. 0.999970

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.2651	0.0000	-
2	5.0PPBCN	0.004	4.4801	5.0000	-10.4
3	10PPBCN	0.008	9.5270	10.0000	-4.7
4	50PPBCN	0.039	49.6599	50.0000	-0.7
5	100PPBCN	0.078	100.7266	100.0000	0.7
6	250PPBCN	0.194	251.9362	250.0000	0.8
7	500PPBCN	0.384	498.9352	500.0000	-0.2

07/07/2025
RM