

LB 128904

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092Reviewed by : 12 Instrument ID : Konelab

12/22/2023 14:08

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.236	0.0	0.076	
ICB1	0.928	0.0	0.001	
CCV1	244.468	0.0	0.194	
CCB1	0.344	0.0	0.001	
O5903-07	1.190	0.0	0.001	
O5903-08	0.783	0.0	0.001	
O5903-09	1.126	0.0	0.001	
O5903-10	1.694	0.0	0.002	
O5903-11	0.959	0.0	0.001	
O5903-12	0.877	0.0	0.001	
O5903-13	1.235	0.0	0.001	
O5903-14	0.914	0.0	0.001	
O5903-15	0.797	0.0	0.001	
CCV2	255.126	0.0	0.202	
CCB2	0.573	0.0	0.001	
O5903-16	1.392	0.0	0.001	
O5903-17	0.978	0.0	0.001	
O5903-18	0.784	0.0	0.001	
O5903-19	0.934	0.0	0.001	
O5903-20	0.674	0.0	0.001	
O5903-21	1.567	0.0	0.002	
O5903-22	2.032	0.0	0.002	
O5903-23	1.557	0.0	0.001	
PB158011BL	0.684	0.0	0.001	
PB158011BS	96.147	0.0	0.076	
CCV3	245.309	0.0	0.194	
CCB3	0.632	0.0	0.001	
O5904-01	4.288	0.0	0.004	
O5904-01DUP	4.039	0.0	0.003	
O5904-01MS	44.393	0.0	0.035	
O5904-01MSD	44.700	0.0	0.036	
O5904-02	1.705	0.0	0.002	
O5904-03	1.482	0.0	0.001	
O5904-04	0.753	0.0	0.001	
O5904-05	2.316	0.0	0.002	
O5904-07	-1.091	0.0	-0.001	
CCV4	248.274	0.0	0.197	
CCB4	0.818	0.0	0.001	
O5904-08	2.087	0.0	0.002	
O5904-09	3.636	0.0	0.003	
O5904-10	1.198	0.0	0.001	
O5904-11	5.555	0.0	0.005	
O5904-12	1.113	0.0	0.001	
O5904-13	1.296	0.0	0.001	
O5904-14	0.842	0.0	0.001	
O5904-15	0.721	0.0	0.001	
O5904-16	0.643	0.0	0.001	
O5904-17	1.539	0.0	0.001	
CCV5	245.848	0.0	0.195	
CCB5	0.852	0.0	0.001	
O5904-18	0.880	0.0	0.001	
O5904-19	0.809	0.0	0.001	
O5904-20	3.015	0.0	0.003	
O5903-06	0.537	0.0	0.001	
O5903-03	0.834	0.0	0.001	

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12/22/2023 14:08

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
O5903-04	0.603	0.0	0.001	
CCV6	256.275	0.0	0.203	
CCB6	0.994	0.0	0.001	
PB158010BL	0.842	0.0	0.001	
PB158010BS	96.900	0.0	0.077	
O5903-01	0.957	0.0	0.001	
O5903-01DUP	0.794	0.0	0.001	
O5903-01MS	45.894	0.0	0.037	
O5903-01MSD	44.024	0.0	0.035	
O5903-02	1.160	0.0	0.001	
O5903-05	3.201	0.0	0.003	
O5904-06	5.059	0.0	0.004	
CCV7	247.468	0.0	0.196	
CCB7	0.833	0.0	0.001	

N	69
Mean	33.160
SD	76.1434
CV%	229.63

Aquakem v. 7.2AQ1

Results from time period:

Fri Dec 22 12:29:20 2023

Fri Dec 22 13:57:45 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPBCN	A	Total CN	P	0.5294	µg/l	12/22/2023 9:55:02
5.0PPBCN	A	Total CN	P	5.2152	µg/l	12/22/2023 9:55:03
10PPBCN	A	Total CN	P	10.1062	µg/l	12/22/2023 9:55:04
50PPBCN	A	Total CN	P	48.9025	µg/l	12/22/2023 9:55:05
100PPBCN	A	Total CN	P	98.6539	µg/l	12/22/2023 9:55:06
250PPBCN	A	Total CN	P	252.4361	µg/l	12/22/2023 9:55:07
500PPBCN	A	Total CN	P	499.1567	µg/l	12/22/2023 9:55:08
ICV1	S	Total CN	P	96.2356	µg/l	12/22/2023 12:29:21
ICB1	S	Total CN	P	0.9284	µg/l	12/22/2023 12:29:23
CCV1	S	Total CN	P	244.4676	µg/l	12/22/2023 12:44:32
CCB1	S	Total CN	P	0.344	µg/l	12/22/2023 12:44:34
O5903-07	S	Total CN	P	1.1897	µg/l	12/22/2023 12:44:35
O5903-08	S	Total CN	P	0.7833	µg/l	12/22/2023 12:44:36
O5903-09	S	Total CN	P	1.126	µg/l	12/22/2023 12:44:37
O5903-10	S	Total CN	P	1.6937	µg/l	12/22/2023 12:44:38
O5903-11	S	Total CN	P	0.9586	µg/l	12/22/2023 12:44:39
O5903-12	S	Total CN	P	0.8771	µg/l	12/22/2023 12:44:40
O5903-13	S	Total CN	P	1.2348	µg/l	12/22/2023 12:52:05
O5903-14	S	Total CN	P	0.9138	µg/l	12/22/2023 12:52:06
O5903-15	S	Total CN	P	0.7966	µg/l	12/22/2023 12:52:07
CCV2	S	Total CN	P	255.1255	µg/l	12/22/2023 12:52:08
CCB2	S	Total CN	P	0.5729	µg/l	12/22/2023 12:52:09
O5903-16	S	Total CN	P	1.3917	µg/l	12/22/2023 12:52:10
O5903-17	S	Total CN	P	0.9782	µg/l	12/22/2023 12:52:11
O5903-18	S	Total CN	P	0.7837	µg/l	12/22/2023 12:52:12
O5903-19	S	Total CN	P	0.9344	µg/l	12/22/2023 12:52:13
O5903-20	S	Total CN	P	0.6739	µg/l	12/22/2023 12:52:14
O5903-21	S	Total CN	P	1.5671	µg/l	12/22/2023 12:52:15
O5903-22	S	Total CN	P	2.0318	µg/l	12/22/2023 12:59:40
O5903-23	S	Total CN	P	1.5566	µg/l	12/22/2023 12:59:41
PB158011BL	S	Total CN	P	0.684	µg/l	12/22/2023 12:59:42
PB158011BS	S	Total CN	P	96.1474	µg/l	12/22/2023 12:59:43
CCV3	S	Total CN	P	245.3087	µg/l	12/22/2023 12:59:44
CCB3	S	Total CN	P	0.6323	µg/l	12/22/2023 12:59:45
O5904-01	S	Total CN	P	4.2877	µg/l	12/22/2023 12:59:46
O5904-01DUP	S	Total CN	P	4.0392	µg/l	12/22/2023 12:59:47
O5904-01MS	S	Total CN	P	44.3928	µg/l	12/22/2023 12:59:48
O5904-01MSD	S	Total CN	P	44.7	µg/l	12/22/2023 12:59:49
O5904-02	S	Total CN	P	1.7049	µg/l	12/22/2023 12:59:50
O5904-03	S	Total CN	P	1.4815	µg/l	12/22/2023 13:07:15
O5904-04	S	Total CN	P	0.7527	µg/l	12/22/2023 13:07:16
O5904-05	S	Total CN	P	2.3157	µg/l	12/22/2023 13:07:17

O5904-07	S	Total CN	P	-1.0908 µg/l	12/22/2023 13:07:19
CCV4	S	Total CN	P	248.2736 µg/l	12/22/2023 13:07:20
CCB4	S	Total CN	P	0.8178 µg/l	12/22/2023 13:07:21
O5904-08	S	Total CN	P	2.0865 µg/l	12/22/2023 13:07:22
O5904-09	S	Total CN	P	3.6361 µg/l	12/22/2023 13:07:23
O5904-10	S	Total CN	P	1.1985 µg/l	12/22/2023 13:07:24
O5904-11	S	Total CN	P	5.5552 µg/l	12/22/2023 13:07:25
O5904-12	S	Total CN	P	1.1135 µg/l	12/22/2023 13:14:47
O5904-13	S	Total CN	P	1.2961 µg/l	12/22/2023 13:14:48
O5904-14	S	Total CN	P	0.8416 µg/l	12/22/2023 13:14:49
O5904-15	S	Total CN	P	0.7208 µg/l	12/22/2023 13:14:50
O5904-16	S	Total CN	P	0.6431 µg/l	12/22/2023 13:14:51
O5904-17	S	Total CN	P	1.5391 µg/l	12/22/2023 13:14:52
CCV5	S	Total CN	P	245.8481 µg/l	12/22/2023 13:14:53
CCB5	S	Total CN	P	0.8523 µg/l	12/22/2023 13:14:54
O5904-18	S	Total CN	P	0.8799 µg/l	12/22/2023 13:14:55
O5904-19	S	Total CN	P	0.8094 µg/l	12/22/2023 13:14:56
O5904-20	S	Total CN	P	3.0152 µg/l	12/22/2023 13:14:57
O5903-06	S	Total CN	P	0.5365 µg/l	12/22/2023 13:20:30
O5903-03	S	Total CN	P	0.8343 µg/l	12/22/2023 13:20:31
O5903-04	S	Total CN	P	0.6028 µg/l	12/22/2023 13:20:32
CCV6	S	Total CN	P	256.2746 µg/l	12/22/2023 13:20:35
CCB6	S	Total CN	P	0.9941 µg/l	12/22/2023 13:20:36
PB158010BL	S	Total CN	P	0.8415 µg/l	12/22/2023 13:46:18
PB158010BS	S	Total CN	P	96.9001 µg/l	12/22/2023 13:46:19
O5903-01	S	Total CN	P	0.9574 µg/l	12/22/2023 13:46:22
O5903-01DUP	S	Total CN	P	0.7944 µg/l	12/22/2023 13:46:24
O5903-01MS	S	Total CN	P	45.8941 µg/l	12/22/2023 13:46:26
O5903-01MSD	S	Total CN	P	44.0243 µg/l	12/22/2023 13:53:52
O5903-02	S	Total CN	P	1.1602 µg/l	12/22/2023 13:53:53
O5903-05	S	Total CN	P	3.2012 µg/l	12/22/2023 13:53:57
O5904-06	S	Total CN	P	5.059 µg/l	12/22/2023 13:53:59
CCV7	S	Total CN	P	247.4681 µg/l	12/22/2023 13:54:02
CCB7	S	Total CN	P	0.8331 µg/l	12/22/2023 13:57:45

Calibration results

Aquakem 7.2AQ1

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

Reviewed by : 12

Instrument ID : Konelab

12/22/2023 9:56

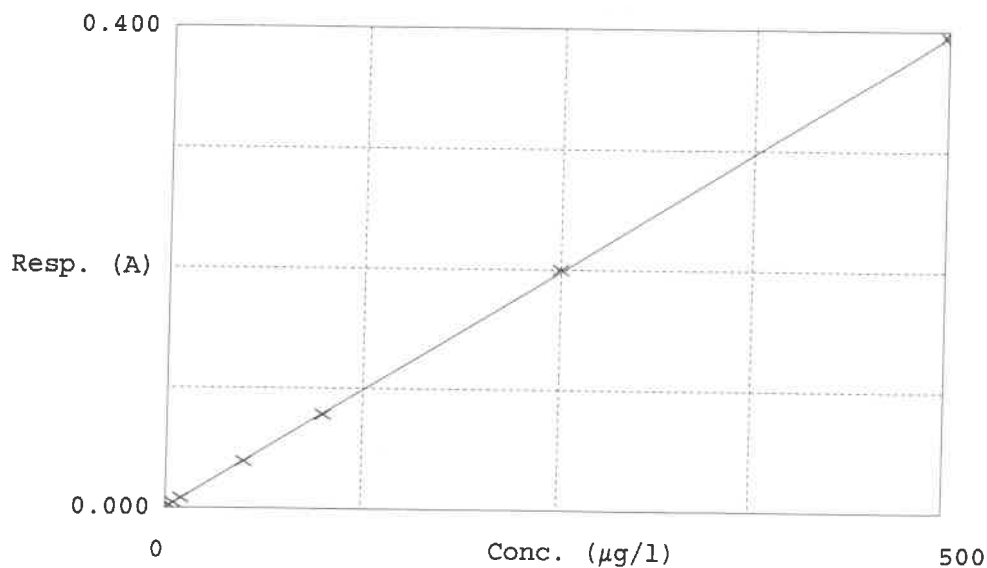
Test Total CN

Accepted 12/22/2023 9:56

Factor 1265
Bias 0

Coeff. of det. 0.999951

Errors



	Calibrator	Response	Calc. con.	Conc.	^{ke} Errors
1	0.0PPBCN	0.001	0.5294	0.0000	-
2	5.0PPBCN	0.004	5.2152	5.0000	4.3
3	10PPBCN	0.008	10.1062	10.0000	1.1
4	50PPBCN	0.039	48.9025	50.0000	-2.2
5	100PPBCN	0.078	98.6539	100.0000	-1.3
6	250PPBCN	0.200	252.4361	250.0000	1.0
7	500PPBCN	0.395	499.1567	500.0000	-0.2

12
12/22/23