

LB114018

Test results

Aquakem 7.2AQ1

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

Reviewed by : AM Instrument ID : Konelab

4/16/2021 15:52

Test: Total CN

Sample Id	Result ^{ug/L}	Dil. 1 +	Response	Errors
ICV1	99.280	0.0	0.087	
ICB1	0.690	0.0	0.001	
CCV1	247.543	0.0	0.217	
CCB1	0.440	0.0	0.001	
PB135758BL	-0.804	0.0	-0.000	
PB135758BS	98.365	0.0	0.086	
LOWPB135758	10.012	0.0	0.009	
HIGHPB135758	477.064	0.0	0.417	
M2023-01	1.523	0.0	0.002	
M2023-01DUP	1.248	0.0	0.002	
M2023-01MS	31.464	0.0	0.028	
M2023-01MSD	32.549	0.0	0.029	
M2023-03	2.427	0.0	0.003	
M2024-01	3.410	0.0	0.004	
CCV2	248.231	0.0	0.217	
CCB2	0.343	0.0	0.001	
M2024-03	4.261	0.0	0.004	
M2025-05	2.177	0.0	0.003	
M2025-07	3.765	0.0	0.004	
M2025-09	1.346	0.0	0.002	
M2025-11	0.594	0.0	0.001	
M2034-03	15.732	0.0	0.014	
M2046-01	0.811	0.0	0.001	
M2046-02	0.408	0.0	0.001	
PB135759BL	0.838	0.0	0.001	
PB135759BS	101.027	0.0	0.089	
CCV3	239.376	0.0	0.210	
CCB3	0.692	0.0	0.001	
M2036-01	5.288	0.0	0.005	
M2036-03	1.597	0.0	0.002	
M2036-05	7.765	0.0	0.007	
M2036-07	5.329	0.0	0.005	
M2040-03	0.719	0.0	0.001	
M2040-07	2.042	0.0	0.002	
M2040-11	2.170	0.0	0.003	
M2042-01	2.278	0.0	0.003	
M2042-01DUP	2.355	0.0	0.003	
CCV4	242.675	0.0	0.212	
CCB4	0.743	0.0	0.001	
M2042-02MS	28.229	0.0	0.025	
M2042-03MSD	29.809	0.0	0.027	
M2042-04	1.554	0.0	0.002	
M2042-05	1.213	0.0	0.002	
M2042-06	0.093	0.0	0.001	
PB135766BL	0.425	0.0	0.001	
PB135766BS	92.111	0.0	0.081	
LOWPB135766	10.669	0.0	0.010	
HIGHPB135766	483.923	0.0	0.423	
M2026-01	3.280	0.0	0.004	
CCV5	245.451	0.0	0.215	
CCB5	0.263	0.0	0.001	
M2026-01DUP	3.022	0.0	0.003	
M2026-01MS	33.877	0.0	0.030	
M2026-01MSD	34.278	0.0	0.031	
M2026-02	5.919	0.0	0.006	

Low/High recoveries:

100.1% (90-110)

8.4% (90-110)

04/16/2021
AM106.7% (90-110)
3.3 96.8% (90-110)04/16/2021
AM

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4/16/2021 15:52

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
M2026-03	1.950	0.0	0.002	
M2026-04	2.122	0.0	0.003	
M2026-05	3.362	0.0	0.004	
M2026-06	0.562	0.0	0.001	
M2042-08	23.978	0.0	0.022	
M2043-02	127.070	0.0	0.112	
CCV6	251.357	0.0	0.220	
CCB6	0.333	0.0	0.001	
M2023-01A	36.415	0.0	0.032	
M2042-01A	37.573	0.0	0.033	
CCV7	244.271	0.0	0.214	
CCB7	0.571	0.0	0.001	

N	67
Mean	53.753
SD	106.9445
CV%	198.96

Aquakem v. 7.2AQ1

Results from time period:

Fri Apr 16 12:15:43 2021

Fri Apr 16 15:47:29 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	0.2727	µg/l	4/16/2021 13:02:09	
5.OPPBCN	A	Total CN	P	4.6269	µg/l	4/16/2021 13:02:10	
10PPBCN	A	Total CN	P	9.6697	µg/l	4/16/2021 13:02:11	
50PPBCN	A	Total CN	P	50.004	µg/l	4/16/2021 13:02:12	
100PPBCN	A	Total CN	P	99.8168	µg/l	4/16/2021 13:02:13	
250PPBCN	A	Total CN	P	251.1268	µg/l	4/16/2021 13:02:14	
500PPBCN	A	Total CN	P	499.4832	µg/l	4/16/2021 13:02:15	
ICV1	S	Total CN	P	99.2795	µg/l	4/16/2021 14:18:18	
ICB1	S	Total CN	P	0.6897	µg/l	4/16/2021 14:18:19	
CCV1	S	Total CN	P	247.5428	µg/l	4/16/2021 14:18:21	
CCB1	S	Total CN	P	0.4395	µg/l	4/16/2021 14:18:24	
PB135758BL	S	Total CN	P	-0.8039	µg/l	4/16/2021 14:18:25	
PB135758BS	S	Total CN	P	98.3647	µg/l	4/16/2021 14:18:26	
LOWPB135758	S	Total CN	P	10.0117	µg/l	4/16/2021 14:25:49	
HIGHPB135758	S	Total CN	P	477.0638	µg/l	4/16/2021 14:25:50	
M2023-01	S	Total CN	P	1.5227	µg/l	4/16/2021 14:25:51	
M2023-01DUP	S	Total CN	P	1.2478	µg/l	4/16/2021 14:25:52	
M2023-01MS	S	Total CN	P	31.4635	µg/l	4/16/2021 14:25:53	
M2023-01MSD	S	Total CN	P	32.5486	µg/l	4/16/2021 14:25:54	
M2023-03	S	Total CN	P	2.4271	µg/l	4/16/2021 14:25:57	
M2024-01	S	Total CN	P	3.41	µg/l	4/16/2021 14:25:58	
CCV2	S	Total CN	P	248.2307	µg/l	4/16/2021 14:33:24	
CCB2	S	Total CN	P	0.3435	µg/l	4/16/2021 14:33:25	
M2024-03	S	Total CN	P	4.2605	µg/l	4/16/2021 14:33:27	
M2025-05	S	Total CN	P	2.1767	µg/l	4/16/2021 14:33:28	
M2025-07	S	Total CN	P	3.7651	µg/l	4/16/2021 14:33:29	
M2025-09	S	Total CN	P	1.3463	µg/l	4/16/2021 14:33:30	
M2025-11	S	Total CN	P	0.5936	µg/l	4/16/2021 14:33:31	
M2034-03	S	Total CN	P	15.7319	µg/l	4/16/2021 14:33:32	
M2046-01	S	Total CN	P	0.8111	µg/l	4/16/2021 14:33:33	
M2046-02	S	Total CN	P	0.408	µg/l	4/16/2021 14:33:34	
PB135759BL	S	Total CN	P	0.8379	µg/l	4/16/2021 14:36:47	
PB135759BS	S	Total CN	P	101.027	µg/l	4/16/2021 14:36:48	
CCV3	S	Total CN	P	239.3763	µg/l	4/16/2021 14:45:01	
CCB3	S	Total CN	P	0.6924	µg/l	4/16/2021 14:45:02	
M2036-01	S	Total CN	P	5.2879	µg/l	4/16/2021 14:45:04	
M2036-03	S	Total CN	P	1.5974	µg/l	4/16/2021 14:45:05	
M2036-05	S	Total CN	P	7.7647	µg/l	4/16/2021 14:45:06	
M2036-07	S	Total CN	P	5.3288	µg/l	4/16/2021 14:45:07	
M2040-03	S	Total CN	P	0.7194	µg/l	4/16/2021 14:45:08	
M2040-07	S	Total CN	P	2.0417	µg/l	4/16/2021 14:45:09	
M2040-11	S	Total CN	P	2.1704	µg/l	4/16/2021 14:45:10	

M2042-01	S	Total CN	P	2.2779 µg/l	4/16/2021 14:52:35
M2042-01DUP	S	Total CN	P	2.3549 µg/l	4/16/2021 14:52:36
CCV4	S	Total CN	P	242.675 µg/l	4/16/2021 14:52:38
CCB4	S	Total CN	P	0.7431 µg/l	4/16/2021 14:52:40
M2042-02MS	S	Total CN	P	28.2293 µg/l	4/16/2021 14:52:41
M2042-03MSD	S	Total CN	P	29.8093 µg/l	4/16/2021 14:52:42
M2042-04	S	Total CN	P	1.5541 µg/l	4/16/2021 14:52:45
M2042-05	S	Total CN	P	1.2126 µg/l	4/16/2021 15:00:10
M2042-06	S	Total CN	P	0.0927 µg/l	4/16/2021 15:00:11
PB135766BL	S	Total CN	P	0.4253 µg/l	4/16/2021 15:00:12
PB135766BS	S	Total CN	P	92.1113 µg/l	4/16/2021 15:00:13
LOWPB135766	S	Total CN	P	10.669 µg/l	4/16/2021 15:00:15
HIGHPB135766	S	Total CN	P	483.9228 µg/l	4/16/2021 15:00:16
M2026-01	S	Total CN	P	3.2804 µg/l	4/16/2021 15:00:17
CCV5	S	Total CN	P	245.4511 µg/l	4/16/2021 15:00:18
CCB5	S	Total CN	P	0.2627 µg/l	4/16/2021 15:07:42
M2026-01DUP	S	Total CN	P	3.0217 µg/l	4/16/2021 15:07:43
M2026-01MS	S	Total CN	P	33.8769 µg/l	4/16/2021 15:07:45
M2026-01MSD	S	Total CN	P	34.2775 µg/l	4/16/2021 15:07:46
M2026-02	S	Total CN	P	5.9186 µg/l	4/16/2021 15:07:47
M2026-03	S	Total CN	P	1.9499 µg/l	4/16/2021 15:07:48
M2026-04	S	Total CN	P	2.1217 µg/l	4/16/2021 15:07:49
M2026-05	S	Total CN	P	3.362 µg/l	4/16/2021 15:07:50
M2026-06	S	Total CN	P	0.5619 µg/l	4/16/2021 15:07:51
M2042-08	S	Total CN	P	23.9781 µg/l	4/16/2021 15:07:52
M2043-02	S	Total CN	P	127.0701 µg/l	4/16/2021 15:13:27
CCV6	S	Total CN	P	251.3574 µg/l	4/16/2021 15:13:29
CCB6	S	Total CN	P	0.3331 µg/l	4/16/2021 15:13:30
M2023-01A	S	Total CN	P	36.4146 µg/l	4/16/2021 15:44:46
M2042-01A	S	Total CN	P	37.5733 µg/l	4/16/2021 15:44:47
CCV7	S	Total CN	P	244.2708 µg/l	4/16/2021 15:44:50
CCB7	S	Total CN	P	0.5713 µg/l	4/16/2021 15:44:51

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284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AM Instrument ID : Konelab

4/16/2021 13:06

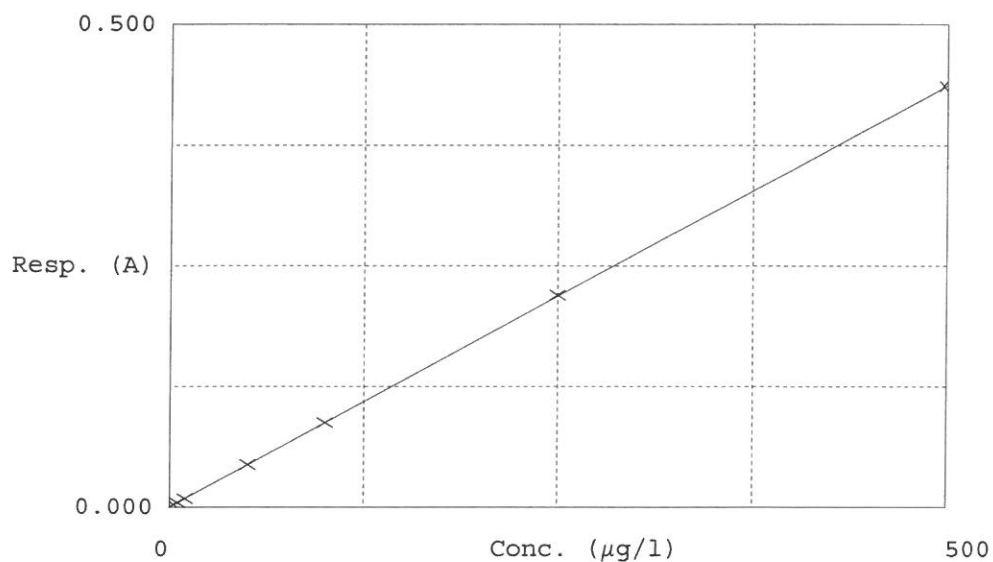
Test Total CN

Accepted 4/16/2021 13:06

Factor 1146
Bias 0.001

Coeff. of det. 0.999991

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.0PPBCN	0.001	0.2727	0.0000	-
2	5.0PPBCN	0.005	4.6269	5.0000	-7.5
3	10PPBCN	0.009	9.6697	10.0000	-3.3
4	50PPBCN	0.044	50.0040	50.0000	0.0
5	100PPBCN	0.088	99.8168	100.0000	-0.2
6	250PPBCN	0.220	251.1268	250.0000	0.4
7	500PPBCN	0.436	499.4832	500.0000	-0.1

04/16/2021
AM