

LB114935

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

6/12/2021 13:04

Test: Total CN

Sample Id	Result ^{ug/L}	Dil. 1 +	Response	Errors
ICV1	94.719	0.0	0.075	
ICB1	1.176	0.0	0.001	
CCV1	241.823	0.0	0.192	
CCB1	0.937	0.0	0.001	
PB137000BL	0.929	0.0	0.001	
PB137000BS	97.462	0.0	0.077	
LOWPB137000	9.962	0.0	0.008	
HIGHPB137000	484.859	0.0	0.385	
M2666-01	2.745	0.0	0.002	
M2666-01DUP	2.538	0.0	0.002	
M2666-01MS	39.977	0.0	0.032	
M2666-01MSD	40.206	0.0	0.032	
M2673-01	0.934	0.0	0.001	
M2673-02	1.556	0.0	0.001	
CCV2	243.417	0.0	0.193	
CCB2	0.827	0.0	0.001	
M2673-03	1.375	0.0	0.001	
M2678-01	1.550	0.0	0.001	
M2678-02	1.427	0.0	0.001	
M2678-03	0.875	0.0	0.001	
M2678-04	0.856	0.0	0.001	
M2678-05	0.954	0.0	0.001	
M2678-06	1.256	0.0	0.001	
M2678-07	0.937	0.0	0.001	
M2678-08	0.952	0.0	0.001	
M2678-09	1.064	0.0	0.001	
CCV3	240.129	0.0	0.191	
CCB3	0.883	0.0	0.001	
M2678-10	1.294	0.0	0.001	
PB137019BL	1.436	0.0	0.001	
PB137019BS	96.010	0.0	0.076	
M2687-01	0.932	0.0	0.001	
M2687-01DUP	0.865	0.0	0.001	
M2687-01MS	41.919	0.0	0.033	
M2687-01MSD	42.329	0.0	0.034	
M2687-02	1.033	0.0	0.001	
M2687-03	1.426	0.0	0.001	
M2687-04	1.329	0.0	0.001	
CCV4	243.585	0.0	0.194	
CCB4	0.702	0.0	0.001	
M2687-05	0.951	0.0	0.001	
M2687-06	1.035	0.0	0.001	
M2687-07	1.729	0.0	0.001	
M2687-08	1.053	0.0	0.001	
M2687-09	0.821	0.0	0.001	
M2687-10	1.218	0.0	0.001	
CCV5	252.480	0.0	0.201	
CCB5	0.749	0.0	0.001	

Low/High recoveries:
 → 99.6% (90-110)
 → 97.0% (90-110)
 06/12/2021
 AM

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6/12/2021 13:04

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Ô□,,
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N	48
Mean	46.025
SD	99.6255
CV%	216.46

Aquakem v. 7.2AQ1

Results from time period:

Sat Jun 12 12:20:53 2021

Sat Jun 12 12:56:31 2021

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	0.5865	µg/l	6/12/2021 10:19:44	
5.OPPBCN	A	Total CN	P	5.356	µg/l	6/12/2021 10:19:45	
10PPBCN	A	Total CN	P	10.5185	µg/l	6/12/2021 10:19:46	
50PPBCN	A	Total CN	P	49.8417	µg/l	6/12/2021 10:19:47	
100PPBCN	A	Total CN	P	100.3407	µg/l	6/12/2021 10:19:48	
250PPBCN	A	Total CN	P	246.8458	µg/l	6/12/2021 10:19:49	
500PPBCN	A	Total CN	P	501.5109	µg/l	6/12/2021 10:19:50	
ICV1	S	Total CN	P	94.7193	µg/l	6/12/2021 12:20:54	
ICB1	S	Total CN	P	1.1761	µg/l	6/12/2021 12:20:55	
CCV1	S	Total CN	P	241.8229	µg/l	6/12/2021 12:20:57	
CCB1	S	Total CN	P	0.9366	µg/l	6/12/2021 12:21:00	
PB137000BL	S	Total CN	P	0.9294	µg/l	6/12/2021 12:21:01	
PB137000BS	S	Total CN	P	97.4619	µg/l	6/12/2021 12:21:02	
LOWPB137000	S	Total CN	P	9.9624	µg/l	6/12/2021 12:21:03	
HIGHPB137000	S	Total CN	P	484.8594	µg/l	6/12/2021 12:28:29	
M2666-01	S	Total CN	P	2.7445	µg/l	6/12/2021 12:28:30	
M2666-01DUP	S	Total CN	P	2.5381	µg/l	6/12/2021 12:28:31	
M2666-01MS	S	Total CN	P	39.9772	µg/l	6/12/2021 12:28:32	
M2666-01MSD	S	Total CN	P	40.2063	µg/l	6/12/2021 12:28:33	
M2673-01	S	Total CN	P	0.9337	µg/l	6/12/2021 12:28:34	
M2673-02	S	Total CN	P	1.5561	µg/l	6/12/2021 12:28:35	
CCV2	S	Total CN	P	243.4173	µg/l	6/12/2021 12:28:37	
CCB2	S	Total CN	P	0.8273	µg/l	6/12/2021 12:36:03	
M2673-03	S	Total CN	P	1.3755	µg/l	6/12/2021 12:36:04	
M2678-01	S	Total CN	P	1.5501	µg/l	6/12/2021 12:36:05	
M2678-02	S	Total CN	P	1.4267	µg/l	6/12/2021 12:36:06	
M2678-03	S	Total CN	P	0.8749	µg/l	6/12/2021 12:36:07	
M2678-04	S	Total CN	P	0.8556	µg/l	6/12/2021 12:36:08	
M2678-05	S	Total CN	P	0.9538	µg/l	6/12/2021 12:36:09	
M2678-06	S	Total CN	P	1.2564	µg/l	6/12/2021 12:36:10	
M2678-07	S	Total CN	P	0.9371	µg/l	6/12/2021 12:36:11	
M2678-08	S	Total CN	P	0.9517	µg/l	6/12/2021 12:36:12	
M2678-09	S	Total CN	P	1.0642	µg/l	6/12/2021 12:36:13	
CCV3	S	Total CN	P	240.1289	µg/l	6/12/2021 12:43:39	
CCB3	S	Total CN	P	0.8829	µg/l	6/12/2021 12:43:42	
M2678-10	S	Total CN	P	1.2936	µg/l	6/12/2021 12:43:43	
PB137019BL	S	Total CN	P	1.4361	µg/l	6/12/2021 12:43:44	
PB137019BS	S	Total CN	P	96.0102	µg/l	6/12/2021 12:43:45	
M2687-01	S	Total CN	P	0.9321	µg/l	6/12/2021 12:43:46	
M2687-01DUP	S	Total CN	P	0.8647	µg/l	6/12/2021 12:43:47	
M2687-01MS	S	Total CN	P	41.9186	µg/l	6/12/2021 12:43:48	
M2687-01MSD	S	Total CN	P	42.3294	µg/l	6/12/2021 12:43:49	

M2687-02	S	Total CN	P	1.0328 µg/l	6/12/2021 12:51:11
M2687-03	S	Total CN	P	1.4261 µg/l	6/12/2021 12:51:12
M2687-04	S	Total CN	P	1.3287 µg/l	6/12/2021 12:51:13
CCV4	S	Total CN	P	243.5853 µg/l	6/12/2021 12:51:14
CCB4	S	Total CN	P	0.7021 µg/l	6/12/2021 12:51:17
M2687-05	S	Total CN	P	0.9507 µg/l	6/12/2021 12:51:18
M2687-06	S	Total CN	P	1.035 µg/l	6/12/2021 12:51:19
M2687-07	S	Total CN	P	1.7288 µg/l	6/12/2021 12:51:20
M2687-08	S	Total CN	P	1.0528 µg/l	6/12/2021 12:51:21
M2687-09	S	Total CN	P	0.821 µg/l	6/12/2021 12:56:26
M2687-10	S	Total CN	P	1.2178 µg/l	6/12/2021 12:56:27
CCV5	S	Total CN	P	252.4801 µg/l	6/12/2021 12:56:29
CCB5	S	Total CN	P	0.7488 µg/l	6/12/2021 12:56:31

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6/12/2021 10:20

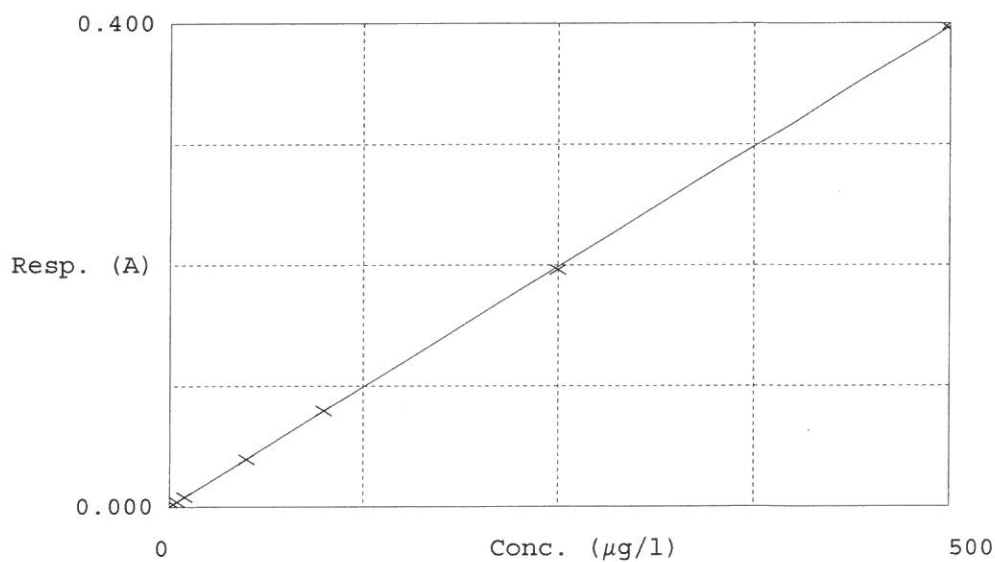
Test Total CN

Accepted 6/12/2021 10:20

Factor 1258
Bias 0

Coeff. of det. 0.999936

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors %RE
1	0.0PPBCN	0.000	0.5865	0.0000	-7.1
2	5.0PPBCN	0.004	5.3560	5.0000	5.2
3	10PPBCN	0.008	10.5185	10.0000	-0.3
4	50PPBCN	0.040	49.8417	50.0000	0.3
5	100PPBCN	0.080	100.3407	100.0000	-1.3
6	250PPBCN	0.196	246.8458	250.0000	0.3
7	500PPBCN	0.399	501.5109	500.0000	

06/12/2021
AM