

LB111288

Test results

Aquakem 7.2AQ1

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CHEMTECH

284 Sheffield Street,
Mountainside, NJ 07092Reviewed by : AM

Instrument ID : Konelab

10/2/2020 13:42

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	99.800	0.0	0.086	
ICB1	-0.013	0.0	0.001	
CCV1	243.552	0.0	0.210	
CCB1	0.316	0.0	0.001	
PB132037BL	-0.077	0.0	0.000	
L3863-12	-0.212	0.0	0.000	
L3863-12DUP	-0.462	0.0	0.000	
L3865-04	-0.366	0.0	0.000	
L3865-08	-0.452	0.0	0.000	
L3870-20	-0.412	0.0	0.000	
L3872-16	-0.543	0.0	0.000	
L4189-02	-0.281	0.0	0.000	
L4194-02	-0.123	0.0	0.000	
CCV2	244.868	0.0	0.211	
CCB2	-0.188	0.0	0.000	
L4198-02	-0.279	0.0	0.000	
L4198-05	-0.463	0.0	0.000	
L4198-08	-0.523	0.0	0.000	
L4198-11	-0.332	0.0	0.000	
L4198-14	-0.391	0.0	0.000	
L4198-17	-0.541	0.0	0.000	
L4198-20	-0.398	0.0	0.000	
L4198-23	-0.010	0.0	0.001	
L4198-26	-0.311	0.0	0.000	
L4198-29	-0.367	0.0	0.000	
CCV3	243.774	0.0	0.210	
CCB3	-0.236	0.0	0.000	
L4198-32	-0.444	0.0	0.000	
L4199-02	-0.606	0.0	0.000	
PB132067BL	-0.276	0.0	0.000	
L4190-04	-0.344	0.0	0.000	
L4190-04DUP	-0.387	0.0	0.000	
L4190-06	-0.172	0.0	0.000	
L4190-12	-0.318	0.0	0.000	
L4190-14	-0.180	0.0	0.000	
L4190-18	-0.337	0.0	0.000	
L4200-01	-0.427	0.0	0.000	
CCV4	243.311	0.0	0.210	
CCB4	-0.116	0.0	0.000	
L4219-08	-0.434	0.0	0.000	
L4221-05	-0.471	0.0	0.000	
L4226-04	-0.509	0.0	0.000	
L4189-04	-0.481	0.0	0.000	
L4189-04DUP	-0.375	0.0	0.000	
L4200-02	-0.365	0.0	0.000	
L4232-02	-0.160	0.0	0.000	
CCV5	246.795	0.0	0.213	
CCB5	-0.017	0.0	0.001	

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10/2/2020 16:43

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Sample Id	Result	Dil. 1 +	Response	Errors
CCV1	245.360	0.0	0.212	
CCB1	-0.241	0.0	0.000	
L4189-03	2.713	0.0	0.003	
L4189-03DUP	2.793	0.0	0.003	
L4189-03MS	36.605	0.0	0.032	
L4189-03MSD	36.793	0.0	0.032	
L4190-21	0.322	0.0	0.001	
L4200-02	-0.478	0.0	0.000	
L4242-21	-0.330	0.0	0.000	
PB132028BL	-0.265	0.0	0.000	
PB131028BS	99.472	0.0	0.086	
L4198-01	0.252	0.0	0.001	
CCV2	243.637	0.0	0.210	
CCB2	-0.152	0.0	0.000	
L4198-01DUP	0.082	0.0	0.001	
L4198-01MS	33.423	0.0	0.029	
L4198-01MSD	33.586	0.0	0.029	
L4198-04	0.030	0.0	0.001	
L4198-07	0.641	0.0	0.001	
L4198-10	0.277	0.0	0.001	
L4198-13	0.454	0.0	0.001	
L4198-16	-0.033	0.0	0.001	
L4198-19	0.172	0.0	0.001	
L4198-22	-0.217	0.0	0.000	
CCV3	245.573	0.0	0.212	
CCB3	0.155	0.0	0.001	
L4198-28	-0.023	0.0	0.001	
L4198-31	4.096	0.0	0.004	
L4199-01	0.667	0.0	0.001	
PB132056BL	-0.002	0.0	0.001	
PB132056BS	98.426	0.0	0.085	
LOWPB132056	10.120	0.0	0.009	
HIGHPB132056	488.688	0.0	0.421	
L3865-01	0.928	0.0	0.001	
L3865-05	0.054	0.0	0.001	
L4195-02	-0.322	0.0	0.000	
CCV4	243.242	0.0	0.210	
CCB4	-0.152	0.0	0.000	
L4195-02-DUP	-0.413	0.0	0.000	
L4195-02MS	34.761	0.0	0.030	
L4195-02MSD	34.500	0.0	0.030	
L4195-04	0.029	0.0	0.001	
L4196-02	-0.259	0.0	0.000	
L4219-01	-0.043	0.0	0.001	
L4221-01	0.300	0.0	0.001	
L4226-01	-0.298	0.0	0.000	
L4228-02	0.223	0.0	0.001	
L4230-02	0.614	0.0	0.001	
CCV5	244.524	0.0	0.211	
CCB5	0.007	0.0	0.001	
LOWPB132011BL	10.265	0.0	0.009	
HIGHPB132011BL	494.143	0.0	0.426	
L3863-09	0.714	0.0	0.001	
L3870-16	0.382	0.0	0.001	
L3872-13	-0.279	0.0	0.000	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors

L4189-01	0.213	0.0	0.001	
L4189-01DUP	3.030	0.0	0.003	
PB132011BL	-0.289	0.0	0.000	
PB132011BS	104.981	0.0	0.091	
CCV6	260.059	0.0	0.224	
CCB6	-0.128	0.0	0.000	

N	61
Mean	49.400
SD	110.9642
CV%	224.63

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Reviewed by : _____

Instrument ID : Konelab

10/2/2020 17:15

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
CCV7	251.279	0.0	0.217	
CCB7	-0.373	0.0	0.000	
L4230-04	1.839	0.0	0.002	
L4230-06	-0.122	0.0	0.000	
CCV8	252.593	0.0	0.218	
CCB8	-0.421	0.0	0.000	

N	6
Mean	84.133
SD	129.9836
CV%	154.50

Aquakem v. 7.2AQ1

Results from time period:

Fri Oct 02 15:29:57 2020

Fri Oct 02 16:41:35 2020

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.6496	µg/l	10/2/2020 11:37:52	
5.OPPBCN	A	Total CN	P	4.4009	µg/l	10/2/2020 11:37:53	
10PPBCN	A	Total CN	P	9.8762	µg/l	10/2/2020 11:37:54	
50PPBCN	A	Total CN	P	49.9137	µg/l	10/2/2020 11:37:55	
100PPBCN	A	Total CN	P	102.1917	µg/l	10/2/2020 11:37:56	
250PPBCN	A	Total CN	P	249.3769	µg/l	10/2/2020 11:37:57	
500PPBCN	A	Total CN	P	499.8903	µg/l	10/2/2020 11:37:58	
ICV1	S	Total CN	P	99.8001	µg/l	10/2/2020 13:07:52	
ICB1	S	Total CN	P	-0.0128	µg/l	10/2/2020 13:07:53	
CCV1	S	Total CN	P	245.3599	µg/l	10/2/2020 15:37:34	
CCB1	S	Total CN	P	-0.241	µg/l	10/2/2020 15:37:35	
L4189-03	S	Total CN	P	2.7128	µg/l	10/2/2020 15:37:36	
L4189-03DUP	S	Total CN	P	2.7927	µg/l	10/2/2020 15:37:37	
L4189-03MS	S	Total CN	P	36.6047	µg/l	10/2/2020 15:37:38	
L4189-03MSD	S	Total CN	P	36.7931	µg/l	10/2/2020 15:37:39	
L4190-21	S	Total CN	P	0.3216	µg/l	10/2/2020 15:37:42	
L4200-02	S	Total CN	P	-0.4778	µg/l	10/2/2020 15:45:07	
L4242-21	S	Total CN	P	-0.3303	µg/l	10/2/2020 15:45:08	
PB132028BL	S	Total CN	P	-0.265	µg/l	10/2/2020 15:45:09	
PB131028BS	S	Total CN	P	99.4719	µg/l	10/2/2020 15:45:10	
L4198-01	S	Total CN	P	0.2517	µg/l	10/2/2020 15:45:11	
CCV2	S	Total CN	P	243.6374	µg/l	10/2/2020 15:45:12	
CCB2	S	Total CN	P	-0.1515	µg/l	10/2/2020 15:45:13	
L4198-01DUP	S	Total CN	P	0.0822	µg/l	10/2/2020 15:45:14	
L4198-01MS	S	Total CN	P	33.4231	µg/l	10/2/2020 15:45:15	
L4198-01MSD	S	Total CN	P	33.5864	µg/l	10/2/2020 15:45:16	
L4198-04	S	Total CN	P	0.0296	µg/l	10/2/2020 15:52:43	
L4198-07	S	Total CN	P	0.641	µg/l	10/2/2020 15:52:44	
L4198-10	S	Total CN	P	0.2774	µg/l	10/2/2020 15:52:45	
L4198-13	S	Total CN	P	0.4545	µg/l	10/2/2020 15:52:46	
L4198-16	S	Total CN	P	-0.0335	µg/l	10/2/2020 15:52:47	
L4198-19	S	Total CN	P	0.1719	µg/l	10/2/2020 15:52:48	
L4198-22	S	Total CN	P	-0.217	µg/l	10/2/2020 15:52:49	
CCV3	S	Total CN	P	245.5727	µg/l	10/2/2020 15:52:50	
CCB3	S	Total CN	P	0.1548	µg/l	10/2/2020 15:52:51	
L4198-28	S	Total CN	P	-0.0225	µg/l	10/2/2020 15:52:52	
L4198-31	S	Total CN	P	4.0955	µg/l	10/2/2020 16:00:17	
L4199-01	S	Total CN	P	0.6673	µg/l	10/2/2020 16:00:18	
PB132056BL	S	Total CN	P	-0.0024	µg/l	10/2/2020 16:00:19	
PB132056BS	S	Total CN	P	98.4259	µg/l	10/2/2020 16:00:20	
LOWPB132056	S	Total CN	P	10.1204	µg/l	10/2/2020 16:00:21	
HIGHPB132056	S	Total CN	P	488.6877	µg/l	10/2/2020 16:00:22	

L3865-01	S	Total CN	P	0.9277 µg/l	10/2/2020 16:00:23
L3865-05	S	Total CN	P	0.0535 µg/l	10/2/2020 16:00:24
L4195-02	S	Total CN	P	-0.3222 µg/l	10/2/2020 16:00:25
CCV4	S	Total CN	P	243.242 µg/l	10/2/2020 16:00:26
CCB4	S	Total CN	P	-0.1523 µg/l	10/2/2020 16:00:27
L4195-02-DUP	S	Total CN	P	-0.4129 µg/l	10/2/2020 16:07:52
L4195-02MS	S	Total CN	P	34.7606 µg/l	10/2/2020 16:07:53
L4195-02MSD	S	Total CN	P	34.4999 µg/l	10/2/2020 16:07:54
L4195-04	S	Total CN	P	0.0292 µg/l	10/2/2020 16:07:57
L4196-02	S	Total CN	P	-0.2595 µg/l	10/2/2020 16:07:58
L4219-01	S	Total CN	P	-0.0426 µg/l	10/2/2020 16:07:59
L4221-01	S	Total CN	P	0.2997 µg/l	10/2/2020 16:08:00
L4226-01	S	Total CN	P	-0.2978 µg/l	10/2/2020 16:08:01
L4228-02	S	Total CN	P	0.2234 µg/l	10/2/2020 16:08:02
L4230-02	S	Total CN	P	0.6136 µg/l	10/2/2020 16:15:31
CCV5	S	Total CN	P	244.5241 µg/l	10/2/2020 16:15:32
CCB5	S	Total CN	P	0.0071 µg/l	10/2/2020 16:15:33
LOWPB132011BL	S	Total CN	P	10.2648 µg/l	10/2/2020 16:23:02
HIGHPB132011BL	S	Total CN	P	494.1432 µg/l	10/2/2020 16:23:03
L3863-09	S	Total CN	P	0.714 µg/l	10/2/2020 16:23:04
L3870-16	S	Total CN	P	0.3816 µg/l	10/2/2020 16:23:05
L3872-13	S	Total CN	P	-0.2788 µg/l	10/2/2020 16:23:06
L4189-01	S	Total CN	P	0.2126 µg/l	10/2/2020 16:23:07
L4189-01DUP	S	Total CN	P	3.0301 µg/l	10/2/2020 16:23:08
PB132011BL	S	Total CN	P	-0.2891 µg/l	10/2/2020 16:41:32
PB132011BS	S	Total CN	P	104.9814 µg/l	10/2/2020 16:41:33
CCV6	S	Total CN	P	260.0593 µg/l	10/2/2020 16:41:34
CCB6	S	Total CN	P	-0.1277 µg/l	10/2/2020 16:41:35
CCV7	S	Total CN	P	251.2793 µg/l	10/2/2020 17:14:54
CCB7	S	Total CN	P	-0.3734 µg/l	10/2/2020 17:14:55
L4230-04	S	Total CN	P	1.8386 µg/l	10/2/2020 17:14:56
L4230-06	S	Total CN	P	-0.122 µg/l	10/2/2020 17:14:57
CCV8	S	Total CN	P	252.5934 µg/l	10/2/2020 17:14:58
CCB8	S	Total CN	P	-0.4209 µg/l	10/2/2020 17:14:59

CHEMTECH
284 Sheffield Street,
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10/2/2020 11:50

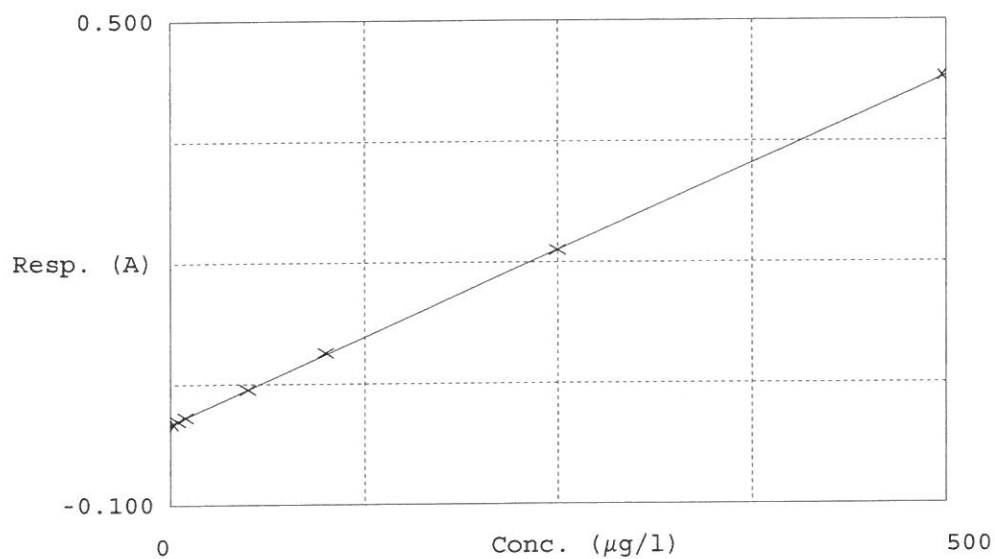
Test Total CN

Accepted 10/2/2020 11:50

Factor 1163
Bias 0.001

Coeff. of det. 0.999971

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	-0.000	-0.6496	0.0000	
2	5.0PPBCN	0.004	4.4009	5.0000	
3	10PPBCN	0.009	9.8762	10.0000	
4	50PPBCN	0.043	49.9137	50.0000	
5	100PPBCN	0.088	102.1917	100.0000	
6	250PPBCN	0.215	249.3769	250.0000	
7	500PPBCN	0.431	499.8903	500.0000	