

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

1/31/2020 11:44

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	98.775	0.0	0.106	
ICB1	0.009	0.0	0.003	
CCV1	246.177	0.0	0.259	
CCB1	-0.146	0.0	0.003	
PB126386BL	-0.160	0.0	0.003	
PB126386BS	99.765	0.0	0.107	
LOWPB126386	9.734	0.0	0.013	
HIGHPB126386	499.892	0.0	0.522	
L1013-07	0.587	0.0	0.004	
L1013-07DUP	0.309	0.0	0.003	
L1013-07MS	18.536	0.0	0.022	
L1013-07MSD	18.277	0.0	0.022	
CCV2	245.049	0.0	0.258	
CCB2	-0.266	0.0	0.003	
L1278-01	-0.173	0.0	0.003	
L1289-05	-0.072	0.0	0.003	
L1289-12	-0.377	0.0	0.003	
L1289-21	-0.025	0.0	0.003	
L1289-29	-0.356	0.0	0.003	
L1289-37	-0.213	0.0	0.003	
PB126387BL	-0.428	0.0	0.003	
PB126387BS	97.947	0.0	0.105	
CCV3	247.892	0.0	0.261	
CCB3	-0.265	0.0	0.003	
PB126478BL	-0.402	0.0	0.003	
PB126478BS	98.612	0.0	0.105	
LOWPB126478	9.465	0.0	0.013	
HIGHPB126478	495.957	0.0	0.518	
L1294-06	0.536	0.0	0.004	
L1294-06DUP	0.746	0.0	0.004	
L1294-06MS	28.658	0.0	0.033	
L1294-06MSD	28.558	0.0	0.033	
L1304-01	0.493	0.0	0.003	
L1304-04	0.483	0.0	0.003	
CCV4	243.415	0.0	0.256	
CCB4	-0.412	0.0	0.003	
PB126470BL	-0.417	0.0	0.003	
PB126470BS	99.344	0.0	0.106	
L1004-16	-0.249	0.0	0.003	
L1004-16DUP	-0.418	0.0	0.003	
L1004-16MS	7.392	0.0	0.011	
L1004-16MSD	4.862	0.0	0.008	
L1014-11	-0.206	0.0	0.003	
L1296-01	-0.192	0.0	0.003	
L1298-01	-0.291	0.0	0.003	
L1307-01	0.522	0.0	0.004	
CCV5	248.402	0.0	0.261	
CCB5	-0.089	0.0	0.003	
L1307-03	0.273	0.0	0.003	
L1310-02	0.086	0.0	0.003	
L1310-03	5.996	0.0	0.009	
L1313-01	-0.037	0.0	0.003	
L1313-02	-0.161	0.0	0.003	
L1313-03	0.197	0.0	0.003	
PB126484BL	-0.173	0.0	0.003	

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CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AL

Instrument ID : Konelab

1/31/2020 11:44

Test: Total CN

WJL

Sample Id	Result	Dil. 1 +	Response	Errors
PB126484BS	100.370	0.0	0.107	
L1318-01	0.323	0.0	0.003	
L1318-01DUP	0.333	0.0	0.003	
CCV6	246.657	0.0	0.259	
CCB6	-0.124	0.0	0.003	
L1318-01MS	30.944	0.0	0.035	
L1318-01MSD	30.590	0.0	0.035	
L1318-02	0.207	0.0	0.003	
L1318-03	0.146	0.0	0.003	
L1318-07	-0.451	0.0	0.002	
L1318-08	0.919	0.0	0.004	
L1318-09	0.159	0.0	0.003	
L1318-13	0.024	0.0	0.003	
L1318-14	-0.111	0.0	0.003	
L1318-15	-0.170	0.0	0.003	
CCV7	245.677	0.0	0.258	
CCB7	-0.275	0.0	0.003	
L1330-02	-0.426	0.0	0.003	
L1161-03	1.686	0.0	0.005	
L1161-09	2.071	0.0	0.005	
CCV8	271.590	0.0	0.285	
CCB8	-0.233	0.0	0.003	

N
Mean 77
SD 49.108
CV% 107.0954
218.08

Aquakem v. 7.2AQ1

Results from time period:

Fri Jan 31 09:23:56 2020

Fri Jan 31 11:39:20 2020

AD

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.8464	µg/l	1/31/2020 9:23:56	
5.0PPBCN	A	Total CN	P	4.1422	µg/l	1/31/2020 9:23:57	
10PPBCN	A	Total CN	P	9.2035	µg/l	1/31/2020 9:23:58	
50PPBCN	A	Total CN	P	50.3314	µg/l	1/31/2020 9:23:59	
100PPBCN	A	Total CN	P	101.2301	µg/l	1/31/2020 9:24:00	
250PPBCN	A	Total CN	P	252.3876	µg/l	1/31/2020 9:24:01	
500PPBCN	A	Total CN	P	498.5515	µg/l	1/31/2020 9:24:02	
ICV1	S	Total CN	P	98.7747	µg/l	1/31/2020 10:30:16	
ICB1	S	Total CN	P	0.0093	µg/l	1/31/2020 10:30:17	
CCV1	S	Total CN	P	246.1773	µg/l	1/31/2020 10:30:18	
CCB1	S	Total CN	P	-0.1461	µg/l	1/31/2020 10:30:19	
PB126386BL	S	Total CN	P	-0.1596	µg/l	1/31/2020 10:30:20	
PB126386BS	S	Total CN	P	99.7649	µg/l	1/31/2020 10:30:21	
LOWPB126386	S	Total CN	P	9.7337	µg/l	1/31/2020 10:30:22	
HIGHPB126386	S	Total CN	P	499.8921	µg/l	1/31/2020 10:30:23	
L1013-07	S	Total CN	P	0.5872	µg/l	1/31/2020 10:30:24	
L1013-07DUP	S	Total CN	P	0.3086	µg/l	1/31/2020 10:30:25	
L1013-07MS	S	Total CN	P	18.5361	µg/l	1/31/2020 10:30:26	
L1013-07MSD	S	Total CN	P	18.2766	µg/l	1/31/2020 10:37:51	
CCV2	S	Total CN	P	245.0487	µg/l	1/31/2020 10:37:54	
CCB2	S	Total CN	P	-0.266	µg/l	1/31/2020 10:37:55	
L1278-01	S	Total CN	P	-0.1728	µg/l	1/31/2020 10:37:56	
L1289-05	S	Total CN	P	-0.0715	µg/l	1/31/2020 10:37:57	
L1289-12	S	Total CN	P	-0.3767	µg/l	1/31/2020 10:37:58	
L1289-21	S	Total CN	P	-0.0247	µg/l	1/31/2020 10:37:59	
L1289-29	S	Total CN	P	-0.3556	µg/l	1/31/2020 10:38:00	
L1289-37	S	Total CN	P	-0.2126	µg/l	1/31/2020 10:38:01	
PB126387BL	S	Total CN	P	-0.4281	µg/l	1/31/2020 10:45:26	
PB126387BS	S	Total CN	P	97.9467	µg/l	1/31/2020 10:45:27	
CCV3	S	Total CN	P	247.8916	µg/l	1/31/2020 10:45:30	
CCB3	S	Total CN	P	-0.2649	µg/l	1/31/2020 10:45:31	
PB126478BL	S	Total CN	P	-0.4025	µg/l	1/31/2020 10:45:32	
PB126478BS	S	Total CN	P	98.6122	µg/l	1/31/2020 10:45:33	
LOWPB126478	S	Total CN	P	9.4653	µg/l	1/31/2020 10:45:34	
HIGHPB126478	S	Total CN	P	495.9574	µg/l	1/31/2020 10:45:35	
L1294-06	S	Total CN	P	0.5364	µg/l	1/31/2020 10:45:36	
L1294-06DUP	S	Total CN	P	0.7464	µg/l	1/31/2020 10:53:01	
L1294-06MS	S	Total CN	P	28.658	µg/l	1/31/2020 10:53:02	
L1294-06MSD	S	Total CN	P	28.5577	µg/l	1/31/2020 10:53:03	
L1304-01	S	Total CN	P	0.4934	µg/l	1/31/2020 10:53:04	
L1304-04	S	Total CN	P	0.4829	µg/l	1/31/2020 10:53:05	
CCV4	S	Total CN	P	243.4151	µg/l	1/31/2020 10:53:06	

AO

CCB4	S	Total CN	P	-0.4125 µg/l	1/31/2020 10:53:07
PB126470BL	S	Total CN	P	-0.4171 µg/l	1/31/2020 10:53:08
PB126470BS	S	Total CN	P	99.3443 µg/l	1/31/2020 10:53:09
L1004-16	S	Total CN	P	-0.2495 µg/l	1/31/2020 10:53:10
L1004-16DUP	S	Total CN	P	-0.4175 µg/l	1/31/2020 10:53:11
L1004-16MS	S	Total CN	P	7.3922 µg/l	1/31/2020 11:00:36
L1004-16MSD	S	Total CN	P	4.8617 µg/l	1/31/2020 11:00:37
L1014-11	S	Total CN	P	-0.2057 µg/l	1/31/2020 11:00:38
L1296-01	S	Total CN	P	-0.1922 µg/l	1/31/2020 11:00:39
L1298-01	S	Total CN	P	-0.2905 µg/l	1/31/2020 11:00:40
L1307-01	S	Total CN	P	0.5217 µg/l	1/31/2020 11:00:41
CCV5	S	Total CN	P	248.4016 µg/l	1/31/2020 11:00:42
CCB5	S	Total CN	P	-0.0891 µg/l	1/31/2020 11:00:43
L1307-03	S	Total CN	P	0.2731 µg/l	1/31/2020 11:00:44
L1310-02	S	Total CN	P	0.0858 µg/l	1/31/2020 11:00:45
L1310-03	S	Total CN	P	5.9963 µg/l	1/31/2020 11:00:46
L1313-01	S	Total CN	P	-0.0375 µg/l	1/31/2020 11:08:08
L1313-02	S	Total CN	P	-0.1614 µg/l	1/31/2020 11:08:09
L1313-03	S	Total CN	P	0.1968 µg/l	1/31/2020 11:08:10
PB126484BL	S	Total CN	P	-0.1733 µg/l	1/31/2020 11:08:11
PB126484BS	S	Total CN	P	100.3702 µg/l	1/31/2020 11:08:12
L1318-01	S	Total CN	P	0.3232 µg/l	1/31/2020 11:08:13
L1318-01DUP	S	Total CN	P	0.3328 µg/l	1/31/2020 11:08:14
CCV6	S	Total CN	P	246.6566 µg/l	1/31/2020 11:08:15
CCB6	S	Total CN	P	-0.1239 µg/l	1/31/2020 11:08:16
L1318-01MS	S	Total CN	P	30.9437 µg/l	1/31/2020 11:08:17
L1318-01MSD	S	Total CN	P	30.5904 µg/l	1/31/2020 11:08:18
L1318-02	S	Total CN	P	0.2073 µg/l	1/31/2020 11:15:43
L1318-03	S	Total CN	P	0.1456 µg/l	1/31/2020 11:15:44
L1318-07	S	Total CN	P	-0.451 µg/l	1/31/2020 11:15:45
L1318-08	S	Total CN	P	0.9192 µg/l	1/31/2020 11:15:46
L1318-09	S	Total CN	P	0.1589 µg/l	1/31/2020 11:15:47
L1318-13	S	Total CN	P	0.0239 µg/l	1/31/2020 11:15:48
L1318-14	S	Total CN	P	-0.1111 µg/l	1/31/2020 11:15:49
L1318-15	S	Total CN	P	-0.1698 µg/l	1/31/2020 11:15:50
CCV7	S	Total CN	P	245.6773 µg/l	1/31/2020 11:15:51
CCB7	S	Total CN	P	-0.2745 µg/l	1/31/2020 11:15:52
L1330-02	S	Total CN	P	-0.4264 µg/l	1/31/2020 11:15:53
L1161-03	S	Total CN	P	1.6859 µg/l	1/31/2020 11:39:17
L1161-09	S	Total CN	P	2.0713 µg/l	1/31/2020 11:39:18
CCV8	S	Total CN	P	271.5904 µg/l	1/31/2020 11:39:19
CCB8	S	Total CN	P	-0.2326 µg/l	1/31/2020 11:39:20

Calibration results

Aquakem 7.2AQ1

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CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : NA

Instrument ID : Konelab

1/31/2020 9:26

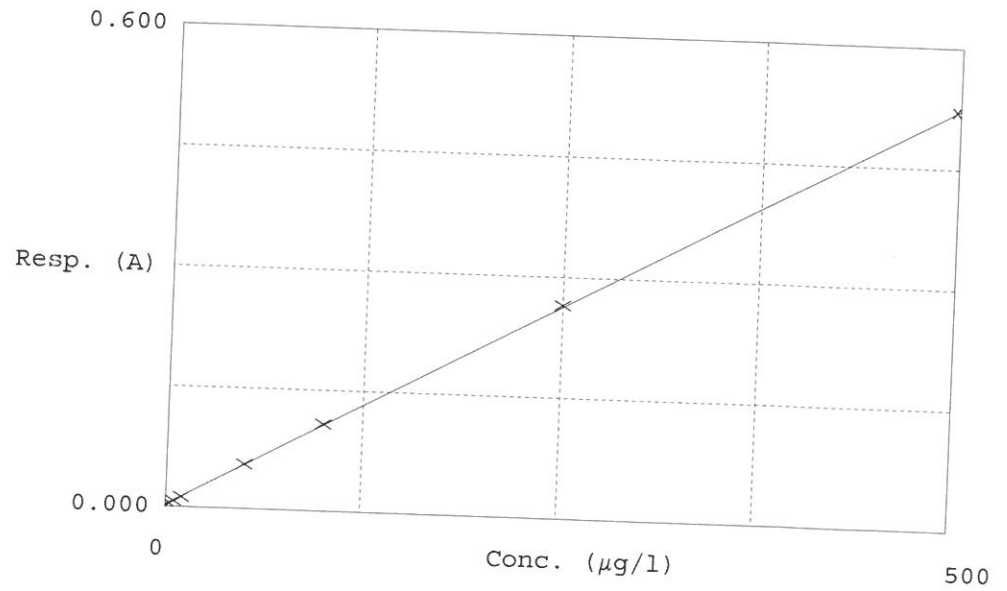
Test Total CN

Accepted 1/31/2020 9:25

Factor 962.5
Bias 0.003

Coeff. of det. 0.999944

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.002	-0.8464	0.0000	
2	5.0PPBCN	0.007	4.1422	5.0000	
3	10PPBCN	0.013	9.2035	10.0000	
4	50PPBCN	0.055	50.3314	50.0000	
5	100PPBCN	0.108	101.2301	100.0000	
6	250PPBCN	0.265	252.3876	250.0000	
7	500PPBCN	0.521	498.5515	500.0000	