

CHEMTECH

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

Instrument ID : Konelab

7/1/2019 16:51

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.372	0.0	0.098	
ICB1	-0.224	0.0	0.001	
CCV1	238.117	0.0	0.240	
CCB1	-0.235	0.0	0.001	
PB121017BL	-0.197	0.0	0.001	
PB121017BS	97.385	0.0	0.099	
LOWPB121017	9.576	0.0	0.011	
HIGPB121017	487.254	0.0	0.490	
K3555-02	0.513	0.0	0.002	
K3555-02DUP	0.097	0.0	0.002	
K3555-02MS	33.453	0.0	0.035	
K3555-02MSD	33.538	0.0	0.035	
K3555-06	0.233	0.0	0.002	
K3555-10	0.113	0.0	0.002	
CCV2	240.349	0.0	0.243	
CCB2	0.252	0.0	0.002	
K3555-14	-0.521	0.0	0.001	
K3555-18	0.910	0.0	0.003	
K3555-22	0.109	0.0	0.002	
K3563-01	0.693	0.0	0.002	
K3563-03	-0.001	0.0	0.002	
PB121018BL	-0.026	0.0	0.002	
PB121018BS	97.206	0.0	0.099	
K3158-07	0.453	0.0	0.002	
K3158-07DUP	0.420	0.0	0.002	
K3158-07MS	30.375	0.0	0.032	
CCV3	243.582	0.0	0.246	
CCB3	0.162	0.0	0.002	
K3158-07MSD	30.267	0.0	0.032	
K3163-13	0.409	0.0	0.002	
K3163-15	0.132	0.0	0.002	
K3554-02	1.551	0.0	0.003	
K3554-06	0.169	0.0	0.002	
K3554-10	0.067	0.0	0.002	
K3573-01	-0.100	0.0	0.002	
K3573-02	0.060	0.0	0.002	
K3584-01	5.180	0.0	0.007	
PB121067BL	0.236	0.0	0.002	
CCV4	241.419	0.0	0.244	
CCB4	-0.075	0.0	0.002	
PB121067BS	98.289	0.0	0.100	
LOWPB121067	9.845	0.0	0.011	
HIGPB121067	487.939	0.0	0.491	
K3158-09	1.282	0.0	0.003	
K3158-09DUP	0.520	0.0	0.002	
K3158-09MS	32.421	0.0	0.034	
K3158-09MSD	32.581	0.0	0.034	
K3160-09	0.933	0.0	0.003	
K3160-11	-0.122	0.0	0.001	
CCV5	241.549	0.0	0.244	
CCB5	0.092	0.0	0.002	
K3592-01	-0.008	0.0	0.002	
K3592-03	0.086	0.0	0.002	
K3601-01	0.164	0.0	0.002	
K3601-03	-0.280	0.0	0.001	

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ng/L

Sample Id	Result	Dil. 1 +	Response	Errors
PB121068BL	-0.002	0.0	0.002	
PB121068BS	98.386	0.0	0.100	
K3585-12DUP	23.264	0.0	0.025	
K3585-12MS	52.725	0.0	0.054	
K3585-12MSD	53.605	0.0	0.055	
K3160-07	0.348	0.0	0.002	
CCV6	254.586	0.0	0.257	
CCB6	0.218	0.0	0.002	
K3585-12	23.075	0.0	0.025	
CCV7	253.229	0.0	0.255	
CCB7	-0.249	0.0	0.001	

N	66
Mean	53.845
SD	108.4311
CV%	201.38

Aquakem v. 7.2AQ1

AK

Results from time period:

Mon Jul 01 14:01:32 2019

Mon Jul 01 16:49:55 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.5252	µg/l	7/1/2019 14:01:32	
5.0PPBCN	A	Total CN	P	4.7295	µg/l	7/1/2019 14:01:33	
10PPBCN	A	Total CN	P	9.8064	µg/l	7/1/2019 14:01:34	
50PPBCN	A	Total CN	P	50.2937	µg/l	7/1/2019 14:01:35	
100PPBCN	A	Total CN	P	101.3656	µg/l	7/1/2019 14:01:36	
250PPBCN	A	Total CN	P	249.2518	µg/l	7/1/2019 14:01:37	
500PPBCN	A	Total CN	P	500.0782	µg/l	7/1/2019 14:01:38	
ICV1	S	Total CN	P	96.3722	µg/l	7/1/2019 15:37:58	
ICB1	S	Total CN	P	-0.2238	µg/l	7/1/2019 15:37:59	
CCV1	S	Total CN	P	238.1167	µg/l	7/1/2019 15:38:00	
CCB1	S	Total CN	P	-0.2345	µg/l	7/1/2019 15:38:01	
PB121017BL	S	Total CN	P	-0.1973	µg/l	7/1/2019 15:38:02	
PB121017BS	S	Total CN	P	97.3851	µg/l	7/1/2019 15:38:03	
LOWPB121017	S	Total CN	P	9.5762	µg/l	7/1/2019 15:38:04	
HIGPB121017	S	Total CN	P	487.2536	µg/l	7/1/2019 15:38:05	
K3555-02	S	Total CN	P	0.5133	µg/l	7/1/2019 15:38:06	
K3555-02DUP	S	Total CN	P	0.0974	µg/l	7/1/2019 15:38:07	
K3555-02MS	S	Total CN	P	33.4525	µg/l	7/1/2019 15:38:08	
K3555-02MSD	S	Total CN	P	33.5381	µg/l	7/1/2019 15:45:33	
K3555-06	S	Total CN	P	0.233	µg/l	7/1/2019 15:45:34	
K3555-10	S	Total CN	P	0.1129	µg/l	7/1/2019 15:45:35	
CCV2	S	Total CN	P	240.3486	µg/l	7/1/2019 15:45:36	
CCB2	S	Total CN	P	0.2517	µg/l	7/1/2019 15:45:37	
K3555-14	S	Total CN	P	-0.5213	µg/l	7/1/2019 15:45:38	
K3555-18	S	Total CN	P	0.9105	µg/l	7/1/2019 15:45:39	
K3555-22	S	Total CN	P	0.109	µg/l	7/1/2019 15:45:40	
K3563-01	S	Total CN	P	0.693	µg/l	7/1/2019 15:45:41	
K3563-03`	S	Total CN	P	-0.0008	µg/l	7/1/2019 15:45:42	
PB121018BL	S	Total CN	P	-0.0259	µg/l	7/1/2019 15:45:43	
PB121018BS	S	Total CN	P	97.2056	µg/l	7/1/2019 15:53:08	
K3158-07	S	Total CN	P	0.4527	µg/l	7/1/2019 15:53:09	
K3158-07DUP	S	Total CN	P	0.4197	µg/l	7/1/2019 15:53:10	
K3158-07MS	S	Total CN	P	30.3749	µg/l	7/1/2019 15:53:11	
CCV3	S	Total CN	P	243.5824	µg/l	7/1/2019 15:53:12	
CCB3	S	Total CN	P	0.1623	µg/l	7/1/2019 15:53:13	
K3158-07MSD	S	Total CN	P	30.2672	µg/l	7/1/2019 15:53:14	
K3163-13	S	Total CN	P	0.4089	µg/l	7/1/2019 15:53:15	
K3163-15	S	Total CN	P	0.1317	µg/l	7/1/2019 15:53:16	
K3554-02	S	Total CN	P	1.5514	µg/l	7/1/2019 15:53:17	
K3554-06	S	Total CN	P	0.1689	µg/l	7/1/2019 15:53:18	
K3554-10	S	Total CN	P	0.0674	µg/l	7/1/2019 16:00:43	
K3573-01	S	Total CN	P	-0.1004	µg/l	7/1/2019 16:00:44	

K3573-02	S	Total CN	P	0.0603 µg/l	7/1/2019 16:00:45
K3584-01	S	Total CN	P	5.18 µg/l	7/1/2019 16:00:46
PB121067BL	S	Total CN	P	0.2361 µg/l	7/1/2019 16:00:47
CCV4	S	Total CN	P	241.4186 µg/l	7/1/2019 16:00:48
CCB4	S	Total CN	P	-0.0754 µg/l	7/1/2019 16:00:49
PB121067BS	S	Total CN	P	98.2889 µg/l	7/1/2019 16:00:50
LOWPB121067	S	Total CN	P	9.8447 µg/l	7/1/2019 16:00:51
HIGPB121067	S	Total CN	P	487.9394 µg/l	7/1/2019 16:00:52
K3158-09	S	Total CN	P	1.2816 µg/l	7/1/2019 16:00:53
K3158-09DUP	S	Total CN	P	0.5204 µg/l	7/1/2019 16:08:15
K3158-09MS	S	Total CN	P	32.421 µg/l	7/1/2019 16:08:16
K3158-09MSD	S	Total CN	P	32.5807 µg/l	7/1/2019 16:08:17
K3160-09	S	Total CN	P	0.9333 µg/l	7/1/2019 16:08:19
K3160-11	S	Total CN	P	-0.122 µg/l	7/1/2019 16:08:20
CCV5	S	Total CN	P	241.5491 µg/l	7/1/2019 16:08:21
CCB5	S	Total CN	P	0.0919 µg/l	7/1/2019 16:08:22
K3592-01	S	Total CN	P	-0.0083 µg/l	7/1/2019 16:08:23
K3592-03	S	Total CN	P	0.0859 µg/l	7/1/2019 16:08:24
K3601-01	S	Total CN	P	0.1636 µg/l	7/1/2019 16:08:25
K3601-03	S	Total CN	P	-0.2801 µg/l	7/1/2019 16:15:22
PB121068BL	S	Total CN	P	-0.0022 µg/l	7/1/2019 16:15:23
PB121068BS	S	Total CN	P	98.386 µg/l	7/1/2019 16:15:24
K3585-12DUP	S	Total CN	P	23.2641 µg/l	7/1/2019 16:15:26
K3585-12MS	S	Total CN	P	52.7251 µg/l	7/1/2019 16:15:27
K3585-12MSD	S	Total CN	P	53.605 µg/l	7/1/2019 16:15:28
K3160-07	S	Total CN	P	0.3482 µg/l	7/1/2019 16:27:51
CCV6	S	Total CN	P	254.586 µg/l	7/1/2019 16:31:14
CCB6	S	Total CN	P	0.218 µg/l	7/1/2019 16:31:15
K3585-12	S	Total CN	P	23.0752 µg/l	7/1/2019 16:33:48
CCV7	S	Total CN	P	253.2289 µg/l	7/1/2019 16:49:54
CCB7	S	Total CN	P	-0.2486 µg/l	7/1/2019 16:49:55

L B103739

Calibration results

Aquakem 7.2AQ1

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Mountainside, NJ 07092

Reviewed by : AK

Instrument ID : Konelab

7/1/2019 14:08

Test Total CN

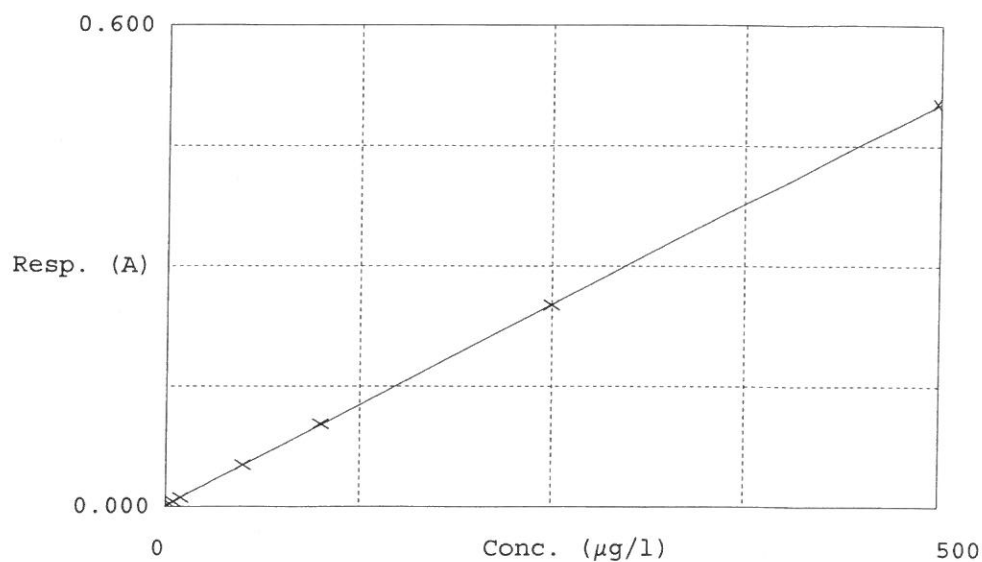
Accepted 7/1/2019 14:08

Factor 997.6

Bias 0.002

Coeff. of det. 0.999986

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.5252	0.0000	
2	5.0PPBCN	0.006	4.7295	5.0000	
3	10PPBCN	0.011	9.8064	10.0000	
4	50PPBCN	0.052	50.2937	50.0000	
5	100PPBCN	0.103	101.3656	100.0000	
6	250PPBCN	0.251	249.2518	250.0000	
7	500PPBCN	0.503	500.0782	500.0000	