

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

Instrument ID : Konelab

11/14/2019 15:05

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	92.167	0.0	0.083	
ICB1	0.996	0.0	0.002	
CCV1	238.863	0.0	0.213	
CCB1	0.876	0.0	0.001	
PB124768BS	94.542	0.0	0.085	
LOWPB124768	10.082	0.0	0.010	
HIGHPB124768	476.864	0.0	0.425	
K5670-05	2.262	0.0	0.003	
K5670-05DUP	2.211	0.0	0.003	
K5670-05MS	36.220	0.0	0.033	
K5670-05MSD	35.690	0.0	0.032	
K5806-01	2.384	0.0	0.003	
K5807-01	13.543	0.0	0.013	
CCV2	239.581	0.0	0.214	
CCB2	1.021	0.0	0.002	
K5807-03	105.643	0.0	0.095	
K5807-05	283.730	0.0	0.253	
K5807-07	40.601	0.0	0.037	
K5807-09	1873.562	0.0	1.666	Test limit high
K5807-11	3023.916	0.0	2.688	Test limit high
K5807-13	1425.175	0.0	1.267	Test limit high
K5807-15	941.149	0.0	0.837	Test limit high
PB124769BL	1.053	0.0	0.002	
PB124769BS	92.831	0.0	0.083	
LOWPB124769	10.490	0.0	0.010	
CCV3	239.026	0.0	0.213	
CCB3	0.959	0.0	0.002	
HIGHPB124769	476.974	0.0	0.425	
K5668-05	1.510	0.0	0.002	
K5807-17	2055.889	0.0	1.828	Test limit high
K5807-17DUP	2067.589	0.0	1.838	Test limit high
K5807-17MS	1639.883	0.0	1.458	Test limit high
K5807-17MSD	1638.272	0.0	1.457	Test limit high
K5807-19	1798.223	0.0	1.599	Test limit high
K5807-21	182.720	0.0	0.163	
K5807-23	89.230	0.0	0.080	
K5807-26	152.776	0.0	0.136	
CCV4	243.282	0.0	0.217	
CCB4	1.023	0.0	0.002	
K5813-01	6.522	0.0	0.007	
K5826-03	1.691	0.0	0.002	
K5826-07	2.123	0.0	0.003	
PB124791BL	0.755	0.0	0.001	
PB124791BS	93.595	0.0	0.084	
K5822-01	3.500	0.0	0.004	
K5822-01DUP	3.649	0.0	0.004	
K5822-01MS	40.309	0.0	0.037	
K5822-01MSD	40.754	0.0	0.037	
CCV5	245.249	0.0	0.219	
CCB5	0.833	0.0	0.001	
PB124768BL	0.818	0.0	0.001	
K5807-09DLX5	335.206	0.0	0.299	
K5807-11DLX10	265.028	0.0	0.236	
K5807-13DLX5	245.017	0.0	0.218	
K5807-15DLX5	171.175	0.0	0.153	

11/15/19 AM

Test results

Aquakem 7.2AQ1

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284 Sheffield Street,
Mountainside, NJ 07092

Reviewed by : AA

Instrument ID : Konelab

11/14/2019 15:05

Test: Total CN

ng/L

Sample Id	Result	Dil. 1 +	Response	Errors
K5807-17DLX10	191.719	0.0	0.171	
K5807-17DUPDLX10	190.012	0.0	0.170	
K5807-17MSDLX10	153.297	0.0	0.137	
K5807-17MSDDLX10	152.200	0.0	0.136	
K5807-19DLX10	171.667	0.0	0.153	
CCV6	238.175	0.0	0.212	
CCB6	9.078	0.0	0.009	

N	62
Mean	357.987
SD	654.8271
CV%	182.92

Aquakem v. 7.2AQ1

Results from time period:

Thu Nov 14 13:36:09 2019

Thu Nov 14 14:54:44 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.OPPBCN	A	Total CN	P	0.5647	µg/l	11/14/2019 9:30:08
5.OPPBCN	A	Total CN	P	5.0071	µg/l	11/14/2019 9:30:09
10PPBCN	A	Total CN	P	10.4215	µg/l	11/14/2019 9:30:10
50PPBCN	A	Total CN	P	48.7093	µg/l	11/14/2019 9:30:11
100PPBCN	A	Total CN	P	99.1375	µg/l	11/14/2019 9:30:12
250PPBCN	A	Total CN	P	251.7336	µg/l	11/14/2019 9:30:13
500PPBCN	A	Total CN	P	499.4262	µg/l	11/14/2019 9:30:14
ICV1	S	Total CN	P	92.1673	µg/l	11/14/2019 13:36:09
ICB1	S	Total CN	P	0.9964	µg/l	11/14/2019 13:36:10
CCV1	S	Total CN	P	238.8626	µg/l	11/14/2019 13:36:11
CCB1	S	Total CN	P	0.8756	µg/l	11/14/2019 13:36:12
PB124768BS	S	Total CN	P	94.542	µg/l	11/14/2019 13:36:14
LOWPB124768	S	Total CN	P	10.0816	µg/l	11/14/2019 13:36:15
HIGHPB124768	S	Total CN	P	476.8643	µg/l	11/14/2019 13:36:16
K5670-05	S	Total CN	P	2.262	µg/l	11/14/2019 13:36:17
K5670-05DUP	S	Total CN	P	2.2109	µg/l	11/14/2019 13:36:18
K5670-05MS	S	Total CN	P	36.2201	µg/l	11/14/2019 13:36:19
K5670-05MSD	S	Total CN	P	35.6898	µg/l	11/14/2019 13:43:44
K5806-01	S	Total CN	P	2.3836	µg/l	11/14/2019 13:43:45
K5807-01	S	Total CN	P	13.543	µg/l	11/14/2019 13:43:46
CCV2	S	Total CN	P	239.5809	µg/l	11/14/2019 13:43:47
CCB2	S	Total CN	P	1.0205	µg/l	11/14/2019 13:43:48
K5807-03	S	Total CN	P	105.6435	µg/l	11/14/2019 13:43:49
K5807-05	S	Total CN	P	283.7301	µg/l	11/14/2019 13:43:50
K5807-07	S	Total CN	P	40.6014	µg/l	11/14/2019 13:43:51
K5807-09	S	Total CN	P	1873.562	µg/l	11/14/2019 13:43:52
K5807-11	S	Total CN	P	3023.916	µg/l	11/14/2019 13:43:53
K5807-13	S	Total CN	P	1425.175	µg/l	11/14/2019 13:43:54
K5807-15	S	Total CN	P	941.1486	µg/l	11/14/2019 13:51:19
PB124769BL	S	Total CN	P	1.0529	µg/l	11/14/2019 13:51:20
PB124769BS	S	Total CN	P	92.8314	µg/l	11/14/2019 13:51:21
LOWPB124769	S	Total CN	P	10.4902	µg/l	11/14/2019 13:51:22
CCV3	S	Total CN	P	239.0263	µg/l	11/14/2019 13:51:23
CCB3	S	Total CN	P	0.9588	µg/l	11/14/2019 13:51:24
HIGHPB124769	S	Total CN	P	476.9739	µg/l	11/14/2019 13:51:25
K5668-05	S	Total CN	P	1.5097	µg/l	11/14/2019 13:51:26
K5807-17	S	Total CN	P	2055.889	µg/l	11/14/2019 13:51:27
K5807-17DUP	S	Total CN	P	2067.589	µg/l	11/14/2019 13:51:28
K5807-17MS	S	Total CN	P	1639.883	µg/l	11/14/2019 13:51:29
K5807-17MSD	S	Total CN	P	1638.272	µg/l	11/14/2019 13:58:51
K5807-19	S	Total CN	P	1798.223	µg/l	11/14/2019 13:58:52
K5807-21	S	Total CN	P	182.7205	µg/l	11/14/2019 13:58:53

K5807-23	S	Total CN	P	89.2301 µg/l	11/14/2019 13:58:54
K5807-26	S	Total CN	P	152.7756 µg/l	11/14/2019 13:58:55
CCV4	S	Total CN	P	243.2817 µg/l	11/14/2019 13:58:56
CCB4	S	Total CN	P	1.0231 µg/l	11/14/2019 13:58:57
K5813-01	S	Total CN	P	6.5217 µg/l	11/14/2019 13:58:58
K5826-03	S	Total CN	P	1.6912 µg/l	11/14/2019 13:58:59
K5826-07	S	Total CN	P	2.1234 µg/l	11/14/2019 13:59:00
PB124791BL	S	Total CN	P	0.7551 µg/l	11/14/2019 13:59:01
PB124791BS	S	Total CN	P	93.5946 µg/l	11/14/2019 14:06:26
K5822-01	S	Total CN	P	3.5 µg/l	11/14/2019 14:06:27
K5822-01DUP	S	Total CN	P	3.6486 µg/l	11/14/2019 14:06:28
K5822-01MS	S	Total CN	P	40.3094 µg/l	11/14/2019 14:06:29
K5822-01MSD	S	Total CN	P	40.7544 µg/l	11/14/2019 14:06:30
CCV5	S	Total CN	P	245.2487 µg/l	11/14/2019 14:06:31
CCB5	S	Total CN	P	0.8333 µg/l	11/14/2019 14:06:32
PB124768BL	S	Total CN	P	0.8181 µg/l	11/14/2019 14:51:56
K5807-09DLX5	S	Total CN	P	335.2063 µg/l	11/14/2019 14:51:57
K5807-11DLX10	S	Total CN	P	265.0277 µg/l	11/14/2019 14:51:58
K5807-13DLX5	S	Total CN	P	245.0172 µg/l	11/14/2019 14:51:59
K5807-15DLX5	S	Total CN	P	171.1747 µg/l	11/14/2019 14:52:00
K5807-17DLX10	S	Total CN	P	191.7191 µg/l	11/14/2019 14:52:01
K5807-17DUPDLX10	S	Total CN	P	190.012 µg/l	11/14/2019 14:52:02
K5807-17MSDLX10	S	Total CN	P	153.2973 µg/l	11/14/2019 14:52:03
K5807-17MSDDLX10	S	Total CN	P	152.1996 µg/l	11/14/2019 14:52:04
K5807-19DLX10	S	Total CN	P	171.6674 µg/l	11/14/2019 14:52:05
CCV6	S	Total CN	P	238.1748 µg/l	11/14/2019 14:52:06
CCB6	S	Total CN	P	9.0782 µg/l	11/14/2019 14:54:44

LB 106284

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Calibration results

Aquakem 7.2AQ1

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CHEMTECH
284 Sheffield Street,
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Reviewed by : PA

Instrument ID : Konelab

11/14/2019 10:52

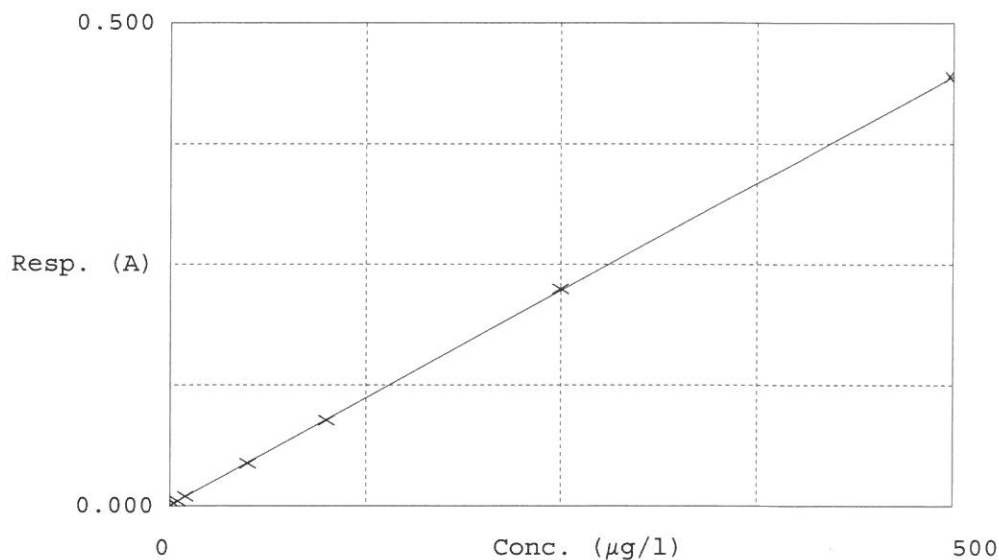
Test Total CN

Accepted 11/14/2019 9:30

Factor 1125
Bias 0.001

Coeff. of det. 0.999970

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	0.5647	0.0000	
2	5.0PPBCN	0.005	5.0071	5.0000	
3	10PPBCN	0.010	10.4215	10.0000	
4	50PPBCN	0.044	48.7093	50.0000	
5	100PPBCN	0.089	99.1375	100.0000	
6	250PPBCN	0.224	251.7336	250.0000	
7	500PPBCN	0.445	499.4262	500.0000	