

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

11/27/2018 14:21

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.229	0.0	0.082	
ICB1	1.071	0.0	0.004	
CCV1	241.618	0.0	0.202	
CCB1	0.858	0.0	0.004	
PB115063BL	0.718	0.0	0.004	
PB115063BS	96.525	0.0	0.083	
LOWPB115063	9.981	0.0	0.011	
HIGHPB115063	486.451	0.0	0.405	
J6030-01	72.650	0.0	0.063	
J6030-02	853.830	0.0	0.708	Test limit high
J6030-02DUP	846.092	0.0	0.701	Test limit high
J6030-03MS	791.876	0.0	0.657	Test limit high
J6030-04MSD	788.944	0.0	0.654	Test limit high
J6030-05	71.620	0.0	0.062	
CCV2	245.263	0.0	0.205	
CCB2	1.006	0.0	0.004	
J6031-01	114.522	0.0	0.098	
J6031-02	130.313	0.0	0.111	
J6031-02DUP	131.172	0.0	0.111	
J6031-03	159.227	0.0	0.134	
J6031-04	168.339	0.0	0.142	
J6031-05	741.770	0.0	0.615	Test limit high
J6031-06	829.278	0.0	0.688	Test limit high
PB115072BL	1.204	0.0	0.004	
PB115072BS	97.761	0.0	0.084	
J6032-01	823.583	0.0	0.683	Test limit high
CCV3	240.707	0.0	0.202	
CCB3	1.632	0.0	0.004	
J6032-01DUP	830.878	0.0	0.689	Test limit high
J6032-02	17.069	0.0	0.017	
J6032-03	72.463	0.0	0.063	
J6032-04DUP	741.469	0.0	0.615	Test limit high
J6032-05MS	768.843	0.0	0.638	Test limit high
J6032-06MSD	846.047	0.0	0.701	Test limit high
PB115057BL	0.818	0.0	0.004	
PB115057BS	92.070	0.0	0.079	
J5770-05.	2.597	0.0	0.005	
J5770-07	2.252	0.0	0.005	
CCV4	244.946	0.0	0.205	
CCB4	1.778	0.0	0.004	
J5774-03	25.438	0.0	0.024	
J5774-05	7.489	0.0	0.009	
J5774-07	3.563	0.0	0.006	
J6055-01	1.878	0.0	0.005	
J6055-01DUP	2.107	0.0	0.005	
J6055-01MS	36.975	0.0	0.034	
J6055-01MSD	35.794	0.0	0.033	
CCV5	242.589	0.0	0.203	
CCB5	0.523	0.0	0.003	
J6030-02DLX5	347.679	0.0	0.290	Blank resp. high
J6030-02DUPDLX5	346.657	0.0	0.289	Blank resp. high
J6030-03MSDLX5	348.172	0.0	0.290	Blank resp. high
J6030-04MSDDLX5	311.511	0.0	0.260	Blank resp. high
J6031-05DLX5	139.617	0.0	0.118	
J6031-06DLX5	155.458	0.0	0.131	

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J6032-01DLX5	155.145	0.0	0.131	
J6032-01DUPDLX5	151.801	0.0	0.128	
J6032-04DUPDLX5	138.839	0.0	0.118	
CCV6	235.173	0.0	0.197	
CCB6	0.332	0.0	0.003	
J6032-05MSDLX5	160.913	0.0	0.136	
J6032-06MSDDLX5	162.316	0.0	0.137	
CCV7	259.308	0.0	0.217	
CCB7	0.797	0.0	0.004	

N	64
Mean	233.368
SD	284.6703
CV%	121.98

Aquakem v. 7.2AQ1

Results from time period:

Tue Nov 27 10:58:15 2018

Tue Nov 27 13:58:06 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.0PPBCN	A	Total CN	P	0.0586	µg/l	11/27/2018 10:58:15
5.0PPBCN	A	Total CN	P	4.1137	µg/l	11/27/2018 10:58:16
10PPBCN	A	Total CN	P	11.4791	µg/l	11/27/2018 10:58:17
50PPBCN	A	Total CN	P	48.5172	µg/l	11/27/2018 10:58:18
100PPBCN	A	Total CN	P	100.5985	µg/l	11/27/2018 10:58:19
250PPBCN	A	Total CN	P	250.4501	µg/l	11/27/2018 10:58:20
500PPBCN	A	Total CN	P	499.7828	µg/l	11/27/2018 10:58:21
ICV1	S	Total CN	P	96.2292	µg/l	11/27/2018 11:42:11
ICB1	S	Total CN	P	1.0706	µg/l	11/27/2018 11:42:12
CCV1	S	Total CN	P	241.6184	µg/l	11/27/2018 11:42:13
CCB1	S	Total CN	P	0.858	µg/l	11/27/2018 11:42:14
PB115063BL	S	Total CN	P	0.7184	µg/l	11/27/2018 11:42:15
PB115063BS	S	Total CN	P	96.5254	µg/l	11/27/2018 11:42:16
LOWPB115063	S	Total CN	P	9.9806	µg/l	11/27/2018 11:42:17
HIGHPB115063	S	Total CN	P	486.4507	µg/l	11/27/2018 11:42:18
J6030-01	S	Total CN	P	72.6504	µg/l	11/27/2018 11:42:19
J6030-02	S	Total CN	P	853.8295	µg/l	11/27/2018 11:42:20
J6030-02DUP	S	Total CN	P	846.0922	µg/l	11/27/2018 11:42:21
J6030-03MS	S	Total CN	P	791.8765	µg/l	11/27/2018 11:49:46
J6030-04MSD	S	Total CN	P	788.9435	µg/l	11/27/2018 11:49:47
J6030-05	S	Total CN	P	71.6198	µg/l	11/27/2018 11:49:48
CCV2	S	Total CN	P	245.2632	µg/l	11/27/2018 11:49:49
CCB2	S	Total CN	P	1.0056	µg/l	11/27/2018 11:49:50
J6031-01	S	Total CN	P	114.5218	µg/l	11/27/2018 11:49:51
J6031-02	S	Total CN	P	130.3129	µg/l	11/27/2018 11:49:52
J6031-02DUP	S	Total CN	P	131.172	µg/l	11/27/2018 11:49:53
J6031-03	S	Total CN	P	159.2271	µg/l	11/27/2018 11:49:54
J6031-04	S	Total CN	P	168.3388	µg/l	11/27/2018 11:49:55
J6031-05	S	Total CN	P	741.77	µg/l	11/27/2018 11:49:56
J6031-06	S	Total CN	P	829.2782	µg/l	11/27/2018 11:57:21
PB115072BL	S	Total CN	P	1.204	µg/l	11/27/2018 11:57:22
PB115072BS	S	Total CN	P	97.7608	µg/l	11/27/2018 11:57:23
J6032-01	S	Total CN	P	823.5834	µg/l	11/27/2018 11:57:24
CCV3	S	Total CN	P	240.7075	µg/l	11/27/2018 11:57:25
CCB3	S	Total CN	P	1.6317	µg/l	11/27/2018 11:57:26
J6032-01DUP	S	Total CN	P	830.8779	µg/l	11/27/2018 11:57:27
J6032-02	S	Total CN	P	17.069	µg/l	11/27/2018 11:57:28
J6032-03	S	Total CN	P	72.4627	µg/l	11/27/2018 11:57:29
J6032-04DUP	S	Total CN	P	741.4685	µg/l	11/27/2018 11:57:30
J6032-05MS	S	Total CN	P	768.8427	µg/l	11/27/2018 11:57:31
J6032-06MSD	S	Total CN	P	846.0474	µg/l	11/27/2018 12:04:53
PB115057BL	S	Total CN	P	0.8179	µg/l	11/27/2018 12:04:54

AB

PB115057BS	S	Total CN	P	92.0702 µg/l	11/27/2018 12:04:55
J5770-05	S	Total CN	P	2.597 µg/l	11/27/2018 12:04:56
J5770-07	S	Total CN	P	2.2517 µg/l	11/27/2018 12:04:57
CCV4	S	Total CN	P	244.9457 µg/l	11/27/2018 12:04:58
CCB4	S	Total CN	P	1.778 µg/l	11/27/2018 12:04:59
J5774-03	S	Total CN	P	25.4382 µg/l	11/27/2018 12:05:00
J5774-05	S	Total CN	P	7.4889 µg/l	11/27/2018 12:05:01
J5774-07	S	Total CN	P	3.5633 µg/l	11/27/2018 12:05:02
J6055-01	S	Total CN	P	1.8778 µg/l	11/27/2018 12:05:03
J6055-01DUP	S	Total CN	P	2.1069 µg/l	11/27/2018 12:11:32
J6055-01MS	S	Total CN	P	36.9745 µg/l	11/27/2018 12:11:33
J6055-01MSD	S	Total CN	P	35.7935 µg/l	11/27/2018 12:11:34
CCV5	S	Total CN	P	242.5891 µg/l	11/27/2018 12:11:35
CCB5	S	Total CN	P	0.5225 µg/l	11/27/2018 12:11:36
J6030-02DLX5	S	Total CN	P	347.6786 µg/l	11/27/2018 13:01:14
J6030-02DUPDLX5	S	Total CN	P	346.6572 µg/l	11/27/2018 13:01:15
J6030-03MSDLX5	S	Total CN	P	348.1719 µg/l	11/27/2018 13:01:16
J6030-04MSDDLX5	S	Total CN	P	311.5112 µg/l	11/27/2018 13:01:17
J6031-05DLX5	S	Total CN	P	139.6166 µg/l	11/27/2018 13:01:18
J6031-06DLX5	S	Total CN	P	155.4577 µg/l	11/27/2018 13:01:19
J6032-01DLX5	S	Total CN	P	155.1453 µg/l	11/27/2018 13:01:20
J6032-01DUPDLX5	S	Total CN	P	151.8014 µg/l	11/27/2018 13:01:21
J6032-04DUPDLX5	S	Total CN	P	138.8393 µg/l	11/27/2018 13:01:22
CCV6	S	Total CN	P	235.1734 µg/l	11/27/2018 13:01:24
CCB6	S	Total CN	P	0.3316 µg/l	11/27/2018 13:05:33
J6032-05MSDLX5	S	Total CN	P	160.9134 µg/l	11/27/2018 13:58:03
J6032-06MSDDLX5	S	Total CN	P	162.3156 µg/l	11/27/2018 13:58:04
CCV7	S	Total CN	P	259.3084 µg/l	11/27/2018 13:58:05
CCB7	S	Total CN	P	0.7975 µg/l	11/27/2018 13:58:06

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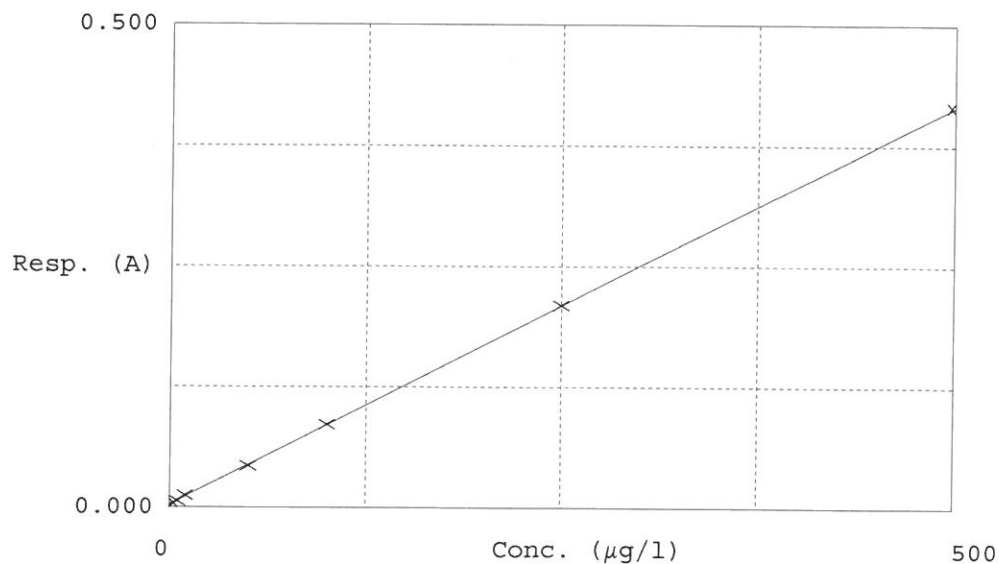
Test Total CN

Accepted 11/27/2018 11:00

Factor 1211
Bias 0.003

Coeff. of det. 0.999972

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	0.0586	0.0000	
2	5.0PPBCN	0.006	4.1137	5.0000	
3	10PPBCN	0.012	11.4791	10.0000	
4	50PPBCN	0.043	48.5172	50.0000	
5	100PPBCN	0.086	100.5985	100.0000	
6	250PPBCN	0.210	250.4501	250.0000	
7	500PPBCN	0.416	499.7828	500.0000	