

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

12/5/2018 14:43

Test: Total CN

Sample Id	Result ^{Mg/L}	Dil. 1 +	Response	Errors
ICV1	96.299	0.0	0.084	
ICB1	1.440	0.0	0.004	
CCV1	239.032	0.0	0.205	
CCB1	1.433	0.0	0.004	
PB115335BL	1.599	0.0	0.004	
PB115335BS	100.412	0.0	0.088	
HIGHPB115335	515.570	0.0	0.440	Test limit high
LOWPB115335	9.693	0.0	0.011	
J6182-08X20	102.158	0.0	0.089	
CCV2	240.419	0.0	0.206	
CCB2	2.611	0.0	0.005	
J6182-20X20	91.570	0.0	0.080	
J6182-21	240.619	0.0	0.207	
J6182-22X20	55.784	0.0	0.050	
J6182-23X20	217.146	0.0	0.187	
J6182-24X20	85.699	0.0	0.075	
J6182-11X20	218.709	0.0	0.188	
J6182-12X20	194.447	0.0	0.167	
J6182-13X20	372.434	0.0	0.318	
J6182-15X20	192.682	0.0	0.166	
CCV3	243.540	0.0	0.209	
CCB3	2.692	0.0	0.005	
J6182-01X1000	213.546	0.0	0.184	
J6182-01DUPX1000	215.885	0.0	0.186	
J6182-01MSX1000	457.048	0.0	0.390	
J6182-01MSDX1000	456.727	0.0	0.390	
J6182-02X1000	971.305	0.0	0.826	Test limit high
J6182-03X1000	316.033	0.0	0.271	
J6182-04X1000	930.523	0.0	0.792	Test limit high
J6182-05X1000	114.302	0.0	0.099	
J6182-06X1000	109.225	0.0	0.095	
J6182-07X1000	2008.831	0.0	1.707	Test limit high
CCV4	236.873	0.0	0.203	
CCB4	1.955	0.0	0.004	
J6182-09X200	121.042	0.0	0.105	
J6182-10X1000	73.350	0.0	0.065	
J6182-14X1000	908.319	0.0	0.773	Test limit high
J6182-16X1000	118.961	0.0	0.103	
J6182-16DUPX1000	119.313	0.0	0.104	
J6182-16MSX1000	103.344	0.0	0.090	
J6182-16MSDX1000	103.224	0.0	0.090	
CCV5	247.240	0.0	0.212	
CCB5	1.362	0.0	0.004	
J6182-02DLX5000	199.981	0.0	0.172	
J6182-04DLX5000	189.824	0.0	0.163	
J6182-07DX10000	213.514	0.0	0.184	
J6182-14DLX5000	189.050	0.0	0.163	
J6182-19X1000	241.595	0.0	0.207	
CCV6	251.738	0.0	0.216	
CCB6	1.493	0.0	0.004	
J6182-17	3005.037	0.0	2.552	Test limit high
J6182-17DLX10	287.949	0.0	0.247	
CCV7	243.961	0.0	0.209	
CCB7	1.640	0.0	0.004	

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Test results

Aquakem 7.2AQ1

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Sample Id Result Dil. 1 + Response $\hat{\sigma}_{\text{CN}}$

N	54
Mean	294.077
SD	497.7010
CV%	169.24

AS

Aquakem v. 7.2AQ1

Results from time period:

Wed Dec 05 11:24:46 2018

Wed Dec 05 14:39:02 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.OPPBCN	A	Total CN	P	1.6396	µg/l	12/5/2018 9:38:21
5.OPPBCN	A	Total CN	P	4.9581	µg/l	12/5/2018 9:38:22
10PPBCN	A	Total CN	P	9.3408	µg/l	12/5/2018 9:38:23
50PPBCN	A	Total CN	P	49.2158	µg/l	12/5/2018 9:38:24
100PPBCN	A	Total CN	P	100.1577	µg/l	12/5/2018 9:38:25
250PPBCN	A	Total CN	P	249.2549	µg/l	12/5/2018 9:38:26
500PPBCN	A	Total CN	P	500.433	µg/l	12/5/2018 9:38:27
ICV1	S	Total CN	P	96.2986	µg/l	12/5/2018 11:58:16
ICB1	S	Total CN	P	1.4405	µg/l	12/5/2018 11:58:17
CCV1	S	Total CN	P	239.032	µg/l	12/5/2018 11:58:20
CCB1	S	Total CN	P	1.4326	µg/l	12/5/2018 11:58:22
PB115335BL	S	Total CN	P	1.5991	µg/l	12/5/2018 11:58:23
PB115335BS	S	Total CN	P	100.4116	µg/l	12/5/2018 12:02:06
HIGHPB115335	S	Total CN	P	515.5698	µg/l	12/5/2018 12:02:08
LOWPB115335	S	Total CN	P	9.6933	µg/l	12/5/2018 12:23:55
J6182-08X20	S	Total CN	P	102.1581	µg/l	12/5/2018 12:23:56
CCV2	S	Total CN	P	240.4189	µg/l	12/5/2018 12:23:57
CCB2	S	Total CN	P	2.6107	µg/l	12/5/2018 12:23:58
J6182-20X20	S	Total CN	P	91.5704	µg/l	12/5/2018 12:23:59
J6182-21	S	Total CN	P	240.619	µg/l	12/5/2018 12:24:00
J6182-22X20	S	Total CN	P	55.7837	µg/l	12/5/2018 12:24:01
J6182-23X20	S	Total CN	P	217.146	µg/l	12/5/2018 12:24:02
J6182-24X20	S	Total CN	P	85.699	µg/l	12/5/2018 12:24:03
J6182-11X20	S	Total CN	P	218.7092	µg/l	12/5/2018 12:28:14
J6182-12X20	S	Total CN	P	194.4467	µg/l	12/5/2018 12:28:15
J6182-13X20	S	Total CN	P	372.4342	µg/l	12/5/2018 12:28:16
J6182-15X20	S	Total CN	P	192.6825	µg/l	12/5/2018 12:28:17
CCV3	S	Total CN	P	243.5398	µg/l	12/5/2018 12:53:05
CCB3	S	Total CN	P	2.6918	µg/l	12/5/2018 12:53:06
J6182-01X1000	S	Total CN	P	213.5463	µg/l	12/5/2018 12:53:07
J6182-01DUPX1000	S	Total CN	P	215.8849	µg/l	12/5/2018 12:53:08
J6182-01MSX1000	S	Total CN	P	457.0475	µg/l	12/5/2018 12:53:09
J6182-01MSDX1000	S	Total CN	P	456.7272	µg/l	12/5/2018 12:53:10
J6182-02X1000	S	Total CN	P	971.3046	µg/l	12/5/2018 12:53:11
J6182-03X1000	S	Total CN	P	316.0327	µg/l	12/5/2018 12:53:12
J6182-04X1000	S	Total CN	P	930.5231	µg/l	12/5/2018 12:53:13
J6182-05X1000	S	Total CN	P	114.3021	µg/l	12/5/2018 12:53:14
J6182-06X1000	S	Total CN	P	109.2246	µg/l	12/5/2018 12:53:15
J6182-07X1000	S	Total CN	P	2008.831	µg/l	12/5/2018 13:00:40
CCV4	S	Total CN	P	236.8729	µg/l	12/5/2018 13:00:41
CCB4	S	Total CN	P	1.9546	µg/l	12/5/2018 13:00:42
J6182-09X200	S	Total CN	P	121.0423	µg/l	12/5/2018 13:00:43

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J6182-10X1000	S	Total CN	P	73.3497 µg/l	12/5/2018 13:00:44
J6182-14X1000	S	Total CN	P	908.319 µg/l	12/5/2018 13:00:45
J6182-16X1000	S	Total CN	P	118.9609 µg/l	12/5/2018 13:00:46
J6182-16DUPX1000	S	Total CN	P	119.3135 µg/l	12/5/2018 13:00:47
J6182-16MSX1000	S	Total CN	P	103.3437 µg/l	12/5/2018 13:00:48
J6182-16MSDX1000	S	Total CN	P	103.224 µg/l	12/5/2018 13:00:49
CCV5	S	Total CN	P	247.2396 µg/l	12/5/2018 13:04:03
CCB5	S	Total CN	P	1.3619 µg/l	12/5/2018 13:04:04
J6182-02DLX5000	S	Total CN	P	199.9807 µg/l	12/5/2018 13:25:59
J6182-04DLX5000	S	Total CN	P	189.824 µg/l	12/5/2018 13:26:00
J6182-07DX10000	S	Total CN	P	213.5145 µg/l	12/5/2018 13:26:02
J6182-14DLX5000	S	Total CN	P	189.0496 µg/l	12/5/2018 13:26:03
J6182-19X1000	S	Total CN	P	241.5947 µg/l	12/5/2018 13:26:04
CCV6	S	Total CN	P	251.7377 µg/l	12/5/2018 13:55:37
CCB6	S	Total CN	P	1.4935 µg/l	12/5/2018 13:55:38
J6182-17	S	Total CN	P	3005.037 µg/l	12/5/2018 14:19:04
J6182-17DLX10	S	Total CN	P	287.9486 µg/l	12/5/2018 14:39:00
CCV7	S	Total CN	P	243.9607 µg/l	12/5/2018 14:39:01
CCB7	S	Total CN	P	1.6405 µg/l	12/5/2018 14:39:02

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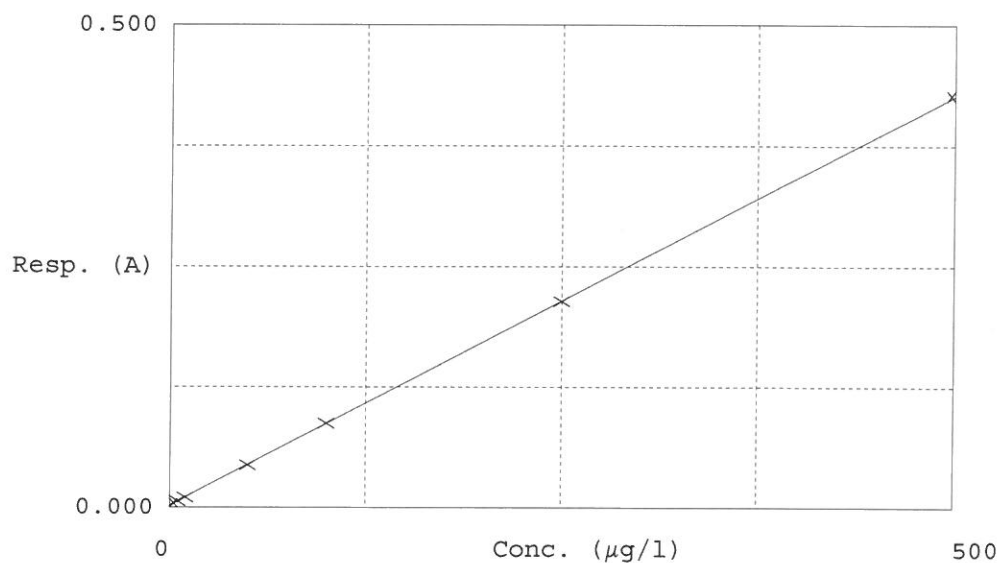
Test Total CN

Accepted 12/5/2018 9:46

Factor 1179
Bias 0.002

Coeff. of det. 0.999978

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	1.6396	0.0000	
2	5.0PPBCN	0.007	4.9581	5.0000	
3	10PPBCN	0.010	9.3408	10.0000	
4	50PPBCN	0.044	49.2158	50.0000	
5	100PPBCN	0.087	100.1577	100.0000	
6	250PPBCN	0.214	249.2549	250.0000	
7	500PPBCN	0.427	500.4330	500.0000	