

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

11/21/2018 11:21

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.057	0.0	0.090	
ICB1	0.794	0.0	0.004	
CCV1	243.304	0.0	0.224	
CCB1	1.110	0.0	0.005	
J6012-01	2600.589	0.0	2.362	Test limit high
J6012-01DUP	2602.602	0.0	2.364	Test limit high
J6012-01MS	2275.664	0.0	2.067	Test limit high
J6012-01MSD	2269.431	0.0	2.062	Test limit high
J6012-03X100	4805.733	0.0	4.362	Test limit high
J6012-07X100	3998.894	0.0	3.630	Test limit high
J6012-09X10	1135.647	0.0	1.033	Test limit high
J6012-13X100	1584.627	0.0	1.441	Test limit high
J6012-15X100	1752.773	0.0	1.593	Test limit high
J6012-19X10	784.120	0.0	0.715	Test limit high
CCV2	257.946	0.0	0.237	
CCB2	1.805	0.0	0.005	
PB114986BL	0.275	0.0	0.004	
PB114986BS	96.697	0.0	0.091	
LOWPB114986	10.237	0.0	0.013	
HIGHPB114986	489.840	0.0	0.448	
J6012-05X10	7.487	0.0	0.010	
J6012-11X10	383.784	0.0	0.352	
J6012-17X10	86.655	0.0	0.082	
CCV3	250.859	0.0	0.231	
CCB3	0.342	0.0	0.004	
J6012-01DLX100	24.837	0.0	0.026	
J6012-01DUPDLX100	25.098	0.0	0.026	
J6012-01MSDLX100	21.265	0.0	0.023	
J6012-01MS2DLX100	21.327	0.0	0.023	
J6012-03DLX5000	97.864	0.0	0.092	
J6012-07DLX5000	79.199	0.0	0.075	
J6012-09DLX200	57.790	0.0	0.056	
J6012-13DLX1000	148.503	0.0	0.138	
J6012-15DLX1000	172.655	0.0	0.160	
CCV4	254.832	0.0	0.235	
CCB4	0.381	0.0	0.004	

N 36
Mean 740.001
SD 1212.6246
CV% 163.87

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Test results

Aquakem 7.2AQ1

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11/21/2018 15:09

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
CCV5	255.619	0.0	0.235	
CCB5	-0.017	0.0	0.004	
J6012-019DLX50	148.590	0.0	0.138	
CCV6	256.666	0.0	0.236	
CCB6	0.297	0.0	0.004	

N	5
Mean	132.231
SD	128.3283
CV%	97.05

Aquakem v. 7.2AQ1

Results from time period:

Wed Nov 21 10:22:43 2018

Wed Nov 21 11:20:35 2018

AS

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.OPPBCN	A	Total CN	P	-0.1608	µg/l	11/21/2018 8:34:10
5.OPPBCN	A	Total CN	P	4.3692	µg/l	11/21/2018 8:34:11
10PPBCN	A	Total CN	P	9.7734	µg/l	11/21/2018 8:34:12
50PPBCN	A	Total CN	P	49.7408	µg/l	11/21/2018 8:34:13
100PPBCN	A	Total CN	P	100.2884	µg/l	11/21/2018 8:34:14
250PPBCN	A	Total CN	P	252.0199	µg/l	11/21/2018 8:34:15
500PPBCN	A	Total CN	P	498.9691	µg/l	11/21/2018 8:34:16
ICV1	S	Total CN	P	95.0575	µg/l	11/21/2018 10:22:43
ICB1	S	Total CN	P	0.794	µg/l	11/21/2018 10:22:44
CCV1	S	Total CN	P	243.3044	µg/l	11/21/2018 10:22:45
CCB1	S	Total CN	P	1.1099	µg/l	11/21/2018 10:22:46
J6012-01	S	Total CN	P	2600.589	µg/l	11/21/2018 10:22:51
J6012-01DUP	S	Total CN	P	2602.602	µg/l	11/21/2018 10:22:52
J6012-01MS	S	Total CN	P	2275.664	µg/l	11/21/2018 10:22:53
J6012-01MSD	S	Total CN	P	2269.431	µg/l	11/21/2018 10:30:15
J6012-03X100	S	Total CN	P	4805.733	µg/l	11/21/2018 10:30:16
J6012-07X100	S	Total CN	P	3998.894	µg/l	11/21/2018 10:30:20
J6012-09X10	S	Total CN	P	1135.647	µg/l	11/21/2018 10:30:21
J6012-11X10	S	Total CN	P	368.969	µg/l	11/21/2018 10:30:22
J6012-13X100	S	Total CN	P	1584.627	µg/l	11/21/2018 10:30:23
J6012-15X100	S	Total CN	P	1752.773	µg/l	11/21/2018 10:30:24
J6012-19X10	S	Total CN	P	784.1199	µg/l	11/21/2018 10:35:02
CCV2	S	Total CN	P	257.9463	µg/l	11/21/2018 10:35:05
CCB2	S	Total CN	P	1.8047	µg/l	11/21/2018 10:35:06
PB114986BL	S	Total CN	P	0.2751	µg/l	11/21/2018 10:57:05
PB114986BS	S	Total CN	P	96.6971	µg/l	11/21/2018 10:57:06
LOWPB114986	S	Total CN	P	10.2372	µg/l	11/21/2018 10:57:07
HIGHPB114986	S	Total CN	P	489.8402	µg/l	11/21/2018 10:57:08
J6012-05X10	S	Total CN	P	7.4868	µg/l	11/21/2018 10:57:09
J6012-11X10	S	Total CN	P	383.7836	µg/l	11/21/2018 10:57:10
J6012-17X10	S	Total CN	P	86.6554	µg/l	11/21/2018 10:57:11
CCV3	S	Total CN	P	250.8591	µg/l	11/21/2018 10:57:12
CCB3	S	Total CN	P	0.3418	µg/l	11/21/2018 10:57:13
J6012-01DLX100	S	Total CN	P	24.8368	µg/l	11/21/2018 11:20:25
J6012-01DUPDLX100	S	Total CN	P	25.0985	µg/l	11/21/2018 11:20:26
J6012-01MSDLX100	S	Total CN	P	21.2647	µg/l	11/21/2018 11:20:27
J6012-01MSDDLX100	S	Total CN	P	21.327	µg/l	11/21/2018 11:20:28
J6012-03DLX5000	S	Total CN	P	97.8635	µg/l	11/21/2018 11:20:29
J6012-07DLX5000	S	Total CN	P	79.1994	µg/l	11/21/2018 11:20:30
J6012-09DLX200	S	Total CN	P	57.7903	µg/l	11/21/2018 11:20:31
J6012-13DLX1000	S	Total CN	P	148.5027	µg/l	11/21/2018 11:20:32
J6012-15DLX1000	S	Total CN	P	172.6547	µg/l	11/21/2018 11:20:33

AS

CCV4	S	Total CN	P	254.8319 µg/l	11/21/2018 11:20:34
CCB4	S	Total CN	P	0.3811 µg/l	11/21/2018 11:20:35
CCV5	S	Total CN	P	255.6189 µg/l	11/21/2018 15:09:47
CCB5	S	Total CN	P	-0.0171 µg/l	11/21/2018 15:09:48
J6012-019DLX50	S	Total CN	P	148.5903 µg/l	11/21/2018 15:09:49
CCV6	S	Total CN	P	256.6664 µg/l	11/21/2018 15:09:50
CCB6	S	Total CN	P	0.2967 µg/l	11/21/2018 15:09:51

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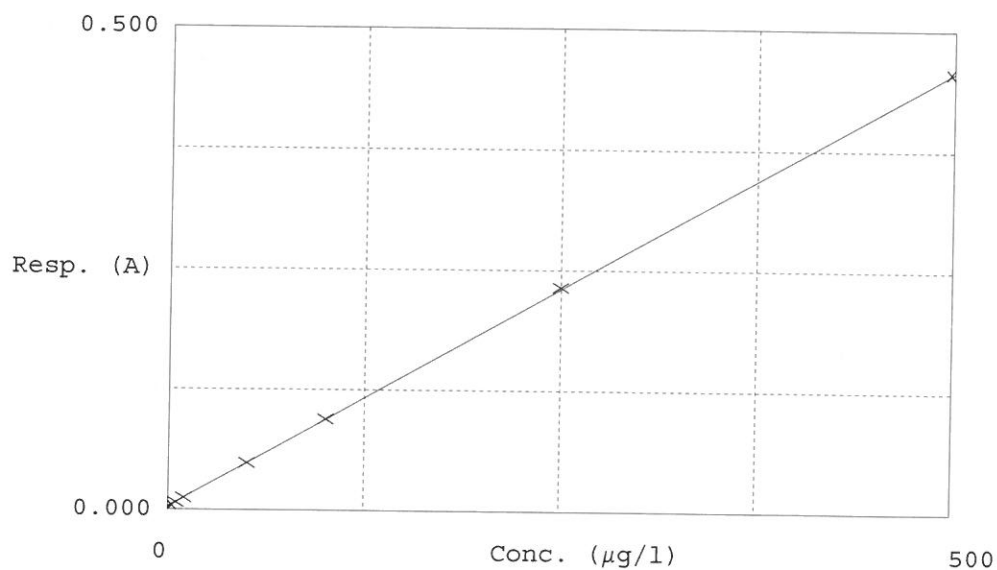
Test Total CN

Accepted 11/21/2018 8:34

Factor 1103
Bias 0.004

Coeff. of det. 0.999972

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.1608	0.0000	
2	5.0PPBCN	0.008	4.3692	5.0000	
3	10PPBCN	0.012	9.7734	10.0000	
4	50PPBCN	0.049	49.7408	50.0000	
5	100PPBCN	0.095	100.2884	100.0000	
6	250PPBCN	0.232	252.0199	250.0000	
7	500PPBCN	0.456	498.9691	500.0000	