

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

2/6/2018 14:28

Test: Total CN *Mg/d*

Sample Id	Result	Dil. 1 +	Response	Errors	
ICV1	100.622	0.0	0.091		
ICB1	0.310	0.0	0.004		
CCV1	252.882	0.0	0.225		
CCB1	0.115	0.0	0.004		
PB106329BL	0.013	0.0	0.004		
PB106329BS	98.552	0.0	0.090		
LOWPB106329	9.985	0.0	0.012		
HIGHPB106329	485.730	0.0	0.428		
J1457-01	1.132	0.0	0.005		
J1457-01DUP	1.019	0.0	0.004		
J1457-01MS	35.188	0.0	0.034		
J1457-01MSD	34.775	0.0	0.034		
J1459-01	0.714	0.0	0.004		
J1459-05	0.784	0.0	0.004		
CCV2	252.024	0.0	0.224		
CCB2	0.410	0.0	0.004		
J1460-01	0.818	0.0	0.004		
J1460-05	0.470	0.0	0.004		
PB106314BL	0.117	0.0	0.004		
PB106314BS	105.376	0.0	0.096		
CCV3	257.056	0.0	0.228		
CCB3	0.747	0.0	0.004		
J1455-04	17.425	0.0	0.019		
J1455-05	0.959	0.0	0.004		
J1455-06	37.919	0.0	0.037		
J1455-07	7.139	0.0	0.010		
J1455-08	36.128	0.0	0.035		
J1455-09	10.985	0.0	0.013		
J1161-07	MDL-WATER-01	2.021	0.0	0.005	
J1161-09	MDL-WATER-02	1.935	0.0	0.005	
	MDL-WATER-03	2.090	0.0	0.005	
	CCV4	242.898	0.0	0.216	
	CCB4	0.142	0.0	0.004	
J1161-01	MDL-SOIL-01	2.743	0.0	0.006	
	J1455-01	3.174	0.0	0.006	
J1161-03	J1455-01DUP	3.267	0.0	0.006	
	MDL-SOIL-01-02	2.830	0.0	0.006	
02/06/18	MDL-SOIL-03	2.352	0.0	0.006	
	J1455-02	43.720	0.0	0.042	
	J1455-03	44.756	0.0	0.043	
	CCV5	256.994	0.0	0.228	
	CCB5	0.461	0.0	0.004	

N	42
Mean	56.161
SD	106.2363
CV%	189.16

AS

Aquakem v. 7.2AQ1

Results from time period:

Tue Feb 06 13:12:27 2018

Tue Feb 06 14:22:17 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.0017	µg/l	2/6/2018 10:21:43	
5.OPPBCN	A	Total CN	P	5.2277	µg/l	2/6/2018 10:21:44	
10PPBCN	A	Total CN	P	10.165	µg/l	2/6/2018 10:21:45	
50PPBCN	A	Total CN	P	49.4106	µg/l	2/6/2018 10:21:46	
100PPBCN	A	Total CN	P	100.1794	µg/l	2/6/2018 10:21:47	
250PPBCN	A	Total CN	P	250.003	µg/l	2/6/2018 10:21:48	
500PPBCN	A	Total CN	P	500.016	µg/l	2/6/2018 10:21:49	
ICV1	S	Total CN	P	100.6221	µg/l	2/6/2018 13:12:28	
ICB1	S	Total CN	P	0.3105	µg/l	2/6/2018 13:12:30	
CCV1	S	Total CN	P	252.8816	µg/l	2/6/2018 13:12:32	
CCB1	S	Total CN	P	0.1152	µg/l	2/6/2018 13:12:34	
PB106329BL	S	Total CN	P	0.0127	µg/l	2/6/2018 13:12:35	
PB106329BS	S	Total CN	P	98.5521	µg/l	2/6/2018 13:12:36	
LOWPB106329	S	Total CN	P	9.9854	µg/l	2/6/2018 13:12:37	
HIGHPB106329	S	Total CN	P	485.7303	µg/l	2/6/2018 13:20:00	
J1457-01	S	Total CN	P	1.1316	µg/l	2/6/2018 13:20:01	
J1457-01DUP	S	Total CN	P	1.0187	µg/l	2/6/2018 13:20:02	
J1457-01MS	S	Total CN	P	35.1879	µg/l	2/6/2018 13:20:03	
J1457-01MSD	S	Total CN	P	34.7755	µg/l	2/6/2018 13:20:04	
J1459-01	S	Total CN	P	0.7144	µg/l	2/6/2018 13:20:05	
J1459-05	S	Total CN	P	0.7844	µg/l	2/6/2018 13:20:06	
CCV2	S	Total CN	P	252.0244	µg/l	2/6/2018 13:20:07	
CCB2	S	Total CN	P	0.4101	µg/l	2/6/2018 13:20:08	
J1460-01	S	Total CN	P	0.818	µg/l	2/6/2018 13:20:09	
J1460-05	S	Total CN	P	0.4696	µg/l	2/6/2018 13:20:10	
PB106314BL	S	Total CN	P	0.1169	µg/l	2/6/2018 13:24:52	
PB106314BS	S	Total CN	P	105.3761	µg/l	2/6/2018 13:24:53	
CCV3	S	Total CN	P	257.0562	µg/l	2/6/2018 13:30:54	
CCB3	S	Total CN	P	0.7468	µg/l	2/6/2018 13:30:55	
J1455-04	S	Total CN	P	17.4253	µg/l	2/6/2018 13:38:27	
J1455-05	S	Total CN	P	0.9594	µg/l	2/6/2018 13:38:28	
J1455-06	S	Total CN	P	37.919	µg/l	2/6/2018 13:38:29	
J1455-07	S	Total CN	P	7.1388	µg/l	2/6/2018 13:38:30	
J1455-08	S	Total CN	P	36.1281	µg/l	2/6/2018 13:38:31	
J1455-09	S	Total CN	P	10.9849	µg/l	2/6/2018 13:38:32	
MDL-WATER-01	S	Total CN	P	2.0209	µg/l	2/6/2018 13:38:33	
MDL-WATER-02	S	Total CN	P	1.9352	µg/l	2/6/2018 13:38:34	
MDL-WATER-03	S	Total CN	P	2.0903	µg/l	2/6/2018 13:38:35	
CCV4	S	Total CN	P	242.8978	µg/l	2/6/2018 13:38:36	
CCB4	S	Total CN	P	0.1423	µg/l	2/6/2018 13:42:17	
MDL-SOIL-01	S	Total CN	P	2.7426	µg/l	2/6/2018 14:02:14	
J1455-01	S	Total CN	P	3.1737	µg/l	2/6/2018 14:02:15	

51161-02
51161-09

51161-01

10/24/18

AS

5/11/18-03
AF
10/24/18

J1455-01DUP	S	Total CN	P	3.2669 µg/l	2/6/2018 14:02:16
MDL-SOIL-02	S	Total CN	P	2.83 µg/l	2/6/2018 14:22:11
MDL-SOIL-03	S	Total CN	P	2.3523 µg/l	2/6/2018 14:22:13
J1455-02	S	Total CN	P	43.7203 µg/l	2/6/2018 14:22:14
J1455-03	S	Total CN	P	44.7564 µg/l	2/6/2018 14:22:15
CCV5	S	Total CN	P	256.9944 µg/l	2/6/2018 14:22:16
CCB5	S	Total CN	P	0.4614 µg/l	2/6/2018 14:22:17

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2/6/2018 10:22

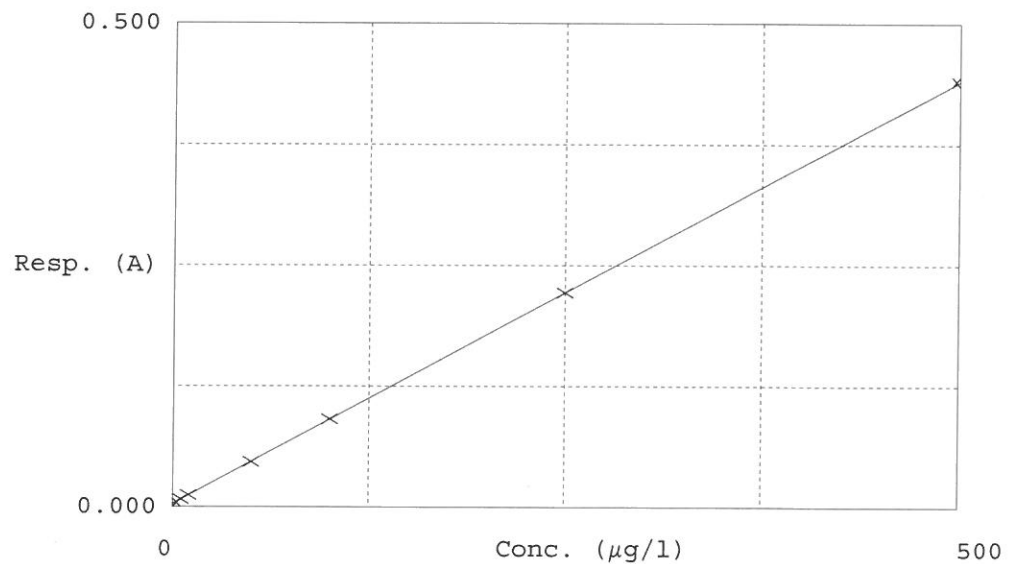
Test Total CN

Accepted 2/6/2018 10:22

Factor 1144
Bias 0.004

Coeff. of det. 0.999998

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.0017	0.0000	
2	5.0PPBCN	0.008	5.2277	5.0000	
3	10PPBCN	0.012	10.1650	10.0000	
4	50PPBCN	0.047	49.4106	50.0000	
5	100PPBCN	0.091	100.1794	100.0000	
6	250PPBCN	0.222	250.0030	250.0000	
7	500PPBCN	0.440	500.0160	500.0000	