

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

10/31/2018 15:46

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.200	0.0	0.094	
ICB1	0.282	0.0	0.004	
CCV1	243.267	0.0	0.232	
CCB1	0.105	0.0	0.004	
PB114316BS	98.199	0.0	0.096	
LOWPB114316	10.415	0.0	0.013	
HIGHPB114316	489.252	0.0	0.462	
J5724-01MS	54.228	0.0	0.054	
J5724-01MSD	58.192	0.0	0.058	
J5724-01	13.116	0.0	0.016	
J5724-01DUP	12.009	0.0	0.015	
J5724-02	0.156	0.0	0.004	
J5724-03	0.586	0.0	0.004	
CCV2	244.960	0.0	0.233	
CCB2	0.441	0.0	0.004	
J5724-05	0.718	0.0	0.004	
J5724-06	0.646	0.0	0.004	
J5724-07	2.917	0.0	0.006	
PB114317BL	-0.033	0.0	0.004	
PB114317BS	95.894	0.0	0.093	
J5718-01	20.867	0.0	0.023	
J5718-01MS	50.949	0.0	0.051	
J5718-01MSD	51.918	0.0	0.052	
CCV3	245.615	0.0	0.234	
CCB3	0.216	0.0	0.004	
PB114349BL	-0.035	0.0	0.004	
PB114349BS	97.608	0.0	0.095	
LOWPB114349	10.084	0.0	0.013	
HIGHPB114349	487.123	0.0	0.460	
J5199-07	1.163	0.0	0.005	
J5199-07DUP	0.627	0.0	0.004	
J5199-07MS	28.313	0.0	0.030	
J5199-07MSD	28.566	0.0	0.030	
J5202-07	0.769	0.0	0.004	
J5202-09	0.752	0.0	0.004	
CCV4	244.337	0.0	0.233	
CCB4	0.114	0.0	0.004	
J5202-11	0.457	0.0	0.004	
J5202-13	0.149	0.0	0.004	
J5202-15	0.016	0.0	0.004	
J5205-07	0.524	0.0	0.004	
J5205-09	0.264	0.0	0.004	
J5377-01	-0.004	0.0	0.004	
J5737-01	0.546	0.0	0.004	
J5737-03	0.500	0.0	0.004	
PB114350BL	0.506	0.0	0.004	
CCV5	243.994	0.0	0.232	
CCB5	0.305	0.0	0.004	
PB114350BS	98.326	0.0	0.096	
J5728-03	4.765	0.0	0.008	
J5728-03DUP	4.460	0.0	0.008	
J5728-03MS	29.420	0.0	0.031	
J5728-03MSD	29.220	0.0	0.031	
CCV6	249.891	0.0	0.238	
CCB6	0.131	0.0	0.004	

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10/31/18 } *ngl*

Sample Id	Result	Dil. 1 +	Response	Errors
PB114316BL	0.106	0.0	0.004	
J5724-04	0.128	0.0	0.004	
J5718-01DUP	20.389	0.0	0.023	
CCV 7 7	248.979	0.0	0.237	
CCB 7 7	0.381	0.0	0.004	
J5728-01	-1.018	0.0	0.003	
CCV 8 8	246.703	0.0	0.235	
CCB 9 9	0.089	0.0	0.004	

N	63
Mean	61.425
SD	112.6426
CV%	183.38

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 31 13:05:31 2018

Wed Oct 31 15:07:37 2018

AE

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.3865	µg/l	10/31/2018 10:34:23	
5.0PPBCN	A	Total CN	P	4.6397	µg/l	10/31/2018 10:34:24	
10PPBCN	A	Total CN	P	10.0648	µg/l	10/31/2018 10:34:25	
50PPBCN	A	Total CN	P	49.6628	µg/l	10/31/2018 10:34:26	
100PPBCN	A	Total CN	P	103.2823	µg/l	10/31/2018 10:34:27	
250PPBCN	A	Total CN	P	246.7146	µg/l	10/31/2018 10:34:28	
500PPBCN	A	Total CN	P	501.0223	µg/l	10/31/2018 10:34:29	
ICV1	S	Total CN	P	96.1999	µg/l	10/31/2018 13:05:31	
ICB1	S	Total CN	P	0.2819	µg/l	10/31/2018 13:05:32	
CCV1	S	Total CN	P	243.2669	µg/l	10/31/2018 13:05:33	
CCB1	S	Total CN	P	0.1047	µg/l	10/31/2018 13:05:34	
PB114316BS	S	Total CN	P	98.1991	µg/l	10/31/2018 13:05:36	
LOWPB114316	S	Total CN	P	10.4152	µg/l	10/31/2018 13:05:37	
HIGHPB114316	S	Total CN	P	489.2516	µg/l	10/31/2018 13:05:38	
J5724-01MS	S	Total CN	P	54.2277	µg/l	10/31/2018 13:05:39	
J5724-01MSD	S	Total CN	P	58.1923	µg/l	10/31/2018 13:05:40	
J5724-01	S	Total CN	P	13.116	µg/l	10/31/2018 13:05:41	
J5724-01DUP	S	Total CN	P	12.0093	µg/l	10/31/2018 13:13:06	
J5724-02	S	Total CN	P	0.1556	µg/l	10/31/2018 13:13:07	
J5724-03	S	Total CN	P	0.5864	µg/l	10/31/2018 13:13:08	
CCV2	S	Total CN	P	244.96	µg/l	10/31/2018 13:13:09	
CCB2	S	Total CN	P	0.441	µg/l	10/31/2018 13:13:11	
J5724-05	S	Total CN	P	0.7185	µg/l	10/31/2018 13:13:12	
J5724-06	S	Total CN	P	0.6457	µg/l	10/31/2018 13:13:13	
J5724-07	S	Total CN	P	2.9171	µg/l	10/31/2018 13:13:14	
PB114317BL	S	Total CN	P	-0.0333	µg/l	10/31/2018 13:13:15	
PB114317BS	S	Total CN	P	95.8938	µg/l	10/31/2018 13:13:16	
J5718-01	S	Total CN	P	20.8667	µg/l	10/31/2018 13:20:41	
J5718-01MS	S	Total CN	P	50.9488	µg/l	10/31/2018 13:20:43	
J5718-01MSD	S	Total CN	P	51.9181	µg/l	10/31/2018 13:20:44	
CCV3	S	Total CN	P	245.6145	µg/l	10/31/2018 13:20:45	
CCB3	S	Total CN	P	0.2161	µg/l	10/31/2018 13:20:46	
PB114349BL	S	Total CN	P	-0.035	µg/l	10/31/2018 13:20:47	
PB114349BS	S	Total CN	P	97.6081	µg/l	10/31/2018 13:20:48	
LOWPB114349	S	Total CN	P	10.0839	µg/l	10/31/2018 13:20:49	
HIGHPB114349	S	Total CN	P	487.1226	µg/l	10/31/2018 13:20:50	
J5199-07	S	Total CN	P	1.1627	µg/l	10/31/2018 13:20:51	
J5199-07DUP	S	Total CN	P	0.6273	µg/l	10/31/2018 13:28:16	
J5199-07MS	S	Total CN	P	28.3133	µg/l	10/31/2018 13:28:17	
J5199-07MSD	S	Total CN	P	28.5656	µg/l	10/31/2018 13:28:18	
J5202-07	S	Total CN	P	0.7692	µg/l	10/31/2018 13:28:19	
J5202-09	S	Total CN	P	0.7525	µg/l	10/31/2018 13:28:20	

AP

CCV4	S	Total CN	P	244.3367 µg/l	10/31/2018 13:28:21
CCB4	S	Total CN	P	0.1143 µg/l	10/31/2018 13:28:22
J5202-11	S	Total CN	P	0.4574 µg/l	10/31/2018 13:28:23
J5202-13	S	Total CN	P	0.1492 µg/l	10/31/2018 13:28:24
J5202-15	S	Total CN	P	0.0161 µg/l	10/31/2018 13:28:25
J5205-07	S	Total CN	P	0.5237 µg/l	10/31/2018 13:28:26
J5205-09	S	Total CN	P	0.2641 µg/l	10/31/2018 13:35:48
J5377-01	S	Total CN	P	-0.0042 µg/l	10/31/2018 13:35:49
J5737-01	S	Total CN	P	0.546 µg/l	10/31/2018 13:35:51
J5737-03	S	Total CN	P	0.4996 µg/l	10/31/2018 13:35:52
PB114350BL	S	Total CN	P	0.5055 µg/l	10/31/2018 13:35:53
CCV5	S	Total CN	P	243.9941 µg/l	10/31/2018 13:35:54
CCB5	S	Total CN	P	0.3054 µg/l	10/31/2018 13:35:55
PB114350BS	S	Total CN	P	98.326 µg/l	10/31/2018 13:35:56
J5728-03	S	Total CN	P	4.7647 µg/l	10/31/2018 13:35:57
J5728-03DUP	S	Total CN	P	4.4599 µg/l	10/31/2018 13:35:58
J5728-03MS	S	Total CN	P	29.4204 µg/l	10/31/2018 13:41:31
J5728-03MSD	S	Total CN	P	29.2198 µg/l	10/31/2018 13:41:32
CCV6	S	Total CN	P	249.8909 µg/l	10/31/2018 13:41:33
CCB6	S	Total CN	P	0.1309 µg/l	10/31/2018 13:41:34
PB114316BL	S	Total CN	P	0.1058 µg/l	10/31/2018 14:19:19
J5724-04	S	Total CN	P	0.1281 µg/l	10/31/2018 14:26:54
J5718-01DUP	S	Total CN	P	20.3889 µg/l	10/31/2018 14:34:26
CCV7	S	Total CN	P	248.9789 µg/l	10/31/2018 14:34:29
CCB7	S	Total CN	P	0.3814 µg/l	10/31/2018 14:34:30
J5728-01	S	Total CN	P	-1.0179 µg/l	10/31/2018 14:48:38
CCV8	S	Total CN	P	246.7029 µg/l	10/31/2018 15:04:59
CCB8	S	Total CN	P	0.089 µg/l	10/31/2018 15:07:37

Calibration results

Aquakem 7.2AQ1

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284 Sheffield Street,
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Reviewed by : PC

10/31/2018 10:35

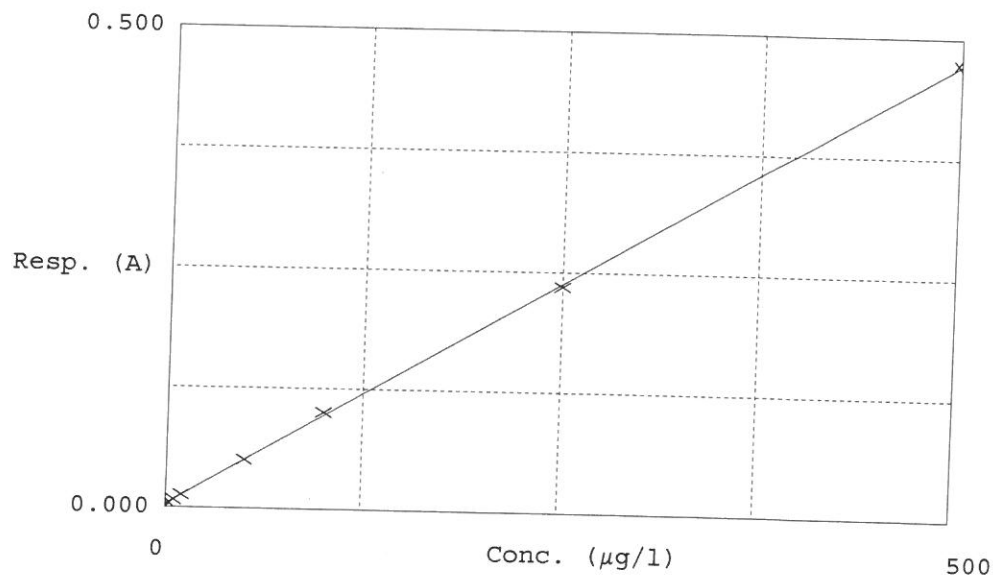
Test Total CN

Accepted 10/31/2018 10:35

Factor 1067
Bias 0.004

Coeff. of det. 0.999888

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.3865	0.0000	
2	5.0PPBCN	0.008	4.6397	5.0000	
3	10PPBCN	0.013	10.0648	10.0000	
4	50PPBCN	0.050	49.6628	50.0000	
5	100PPBCN	0.100	103.2823	100.0000	
6	250PPBCN	0.235	246.7146	250.0000	
7	500PPBCN	0.473	501.0223	500.0000	