

CHEMTECH

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

2/19/2019 14:44

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.798	0.0	0.092	
ICB1	1.206	0.0	0.004	
CCV1	239.901	0.0	0.222	
CCB1	1.369	0.0	0.004	
PB117220BL	1.331	0.0	0.004	
PB117220BS	98.833	0.0	0.093	
HIGHPB117220	492.949	0.0	0.453	
K1518-01	15.885	0.0	0.017	
K1518-01DUP	15.428	0.0	0.017	
K1518-01MS	40.476	0.0	0.040	
K1518-01MSD	40.106	0.0	0.040	
K1518-03	6.851	0.0	0.009	
K1518-05	5.303	0.0	0.008	
CCV2	241.555	0.0	0.223	
CCB2	1.186	0.0	0.004	
K1518-07	2.784	0.0	0.005	
K1518-09	1.998	0.0	0.005	
K1518-11	3.534	0.0	0.006	
K1518-13	8.348	0.0	0.011	
K1518-15	11.845	0.0	0.014	
K1518-17	7.898	0.0	0.010	
K1518-19	4.564	0.0	0.007	
K1518-21	2.500	0.0	0.005	
K1525-03	2.798	0.0	0.005	
K1525-03DUP	3.104	0.0	0.006	
CCV3	240.587	0.0	0.222	
CCB3	1.549	0.0	0.004	
K1525-03MS	37.246	0.0	0.037	
K1525-03MSD	37.676	0.0	0.037	
K1525-07	1.228	0.0	0.004	
PB117174BL	1.227	0.0	0.004	
PB117174BS	98.508	0.0	0.093	
K1508-03	2.190	0.0	0.005	
K1508-03DUP	2.197	0.0	0.005	
K1508-11	1.689	0.0	0.004	
K1508-15	2.040	0.0	0.005	
CCV4	240.247	0.0	0.222	
CCB4	1.556	0.0	0.004	
K1510-01	2.730	0.0	0.005	
K1510-03	3.185	0.0	0.006	
K1511-01	1.748	0.0	0.005	
K1513-01	1.847	0.0	0.005	
K1513-03	7.464	0.0	0.010	
K1513-05	1.922	0.0	0.005	
K1514-01	1.451	0.0	0.004	
K1517-01	1.254	0.0	0.004	
K1508-03MS	40.721	0.0	0.040	
K1508-03MSD	40.391	0.0	0.040	
LOWPB117220	11.071	0.0	0.013	
K1508-07	1.259	0.0	0.004	
CCV5	248.723	0.0	0.230	
CCB5	1.587	0.0	0.004	

AS
02/20/19

Test results

Aquakem 7.2AQ1

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Test: Total CN

Mg/d

Sample Id

Result

Dil. 1 + Response

0.00

N	52
Mean	45.824
SD	95.6611
CV%	208.76

Aquakem v. 7.2AQ1

AS

Results from time period:

Tue Feb 19 13:54:43 2019

Tue Feb 19 14:43:43 2019

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.9669	µg/l	2/19/2019 11:28:21	
5.0PPBCN	A	Total CN	P	5.6641	µg/l	2/19/2019 11:28:22	
10PPBCN	A	Total CN	P	10.7257	µg/l	2/19/2019 11:28:23	
50PPBCN	A	Total CN	P	50.3485	µg/l	2/19/2019 11:28:24	
100PPBCN	A	Total CN	P	101.1875	µg/l	2/19/2019 11:28:25	
250PPBCN	A	Total CN	P	242.8013	µg/l	2/19/2019 11:28:26	
500PPBCN	A	Total CN	P	503.3058	µg/l	2/19/2019 11:28:27	
ICV1	S	Total CN	P	97.7982	µg/l	2/19/2019 13:54:43	
ICB1	S	Total CN	P	1.2061	µg/l	2/19/2019 13:54:44	
CCV1	S	Total CN	P	239.9014	µg/l	2/19/2019 13:54:45	
CCB1	S	Total CN	P	1.3695	µg/l	2/19/2019 13:54:46	
PB117220BL	S	Total CN	P	1.3312	µg/l	2/19/2019 13:54:47	
PB117220BS	S	Total CN	P	98.833	µg/l	2/19/2019 13:54:48	
HIGHPB117220	S	Total CN	P	492.949	µg/l	2/19/2019 13:54:50	
K1518-01	S	Total CN	P	15.8854	µg/l	2/19/2019 13:54:51	
K1518-01DUP	S	Total CN	P	15.428	µg/l	2/19/2019 13:54:52	
K1518-01MS	S	Total CN	P	40.4758	µg/l	2/19/2019 13:54:53	
K1518-01MSD	S	Total CN	P	40.1065	µg/l	2/19/2019 14:02:18	
K1518-03	S	Total CN	P	6.8508	µg/l	2/19/2019 14:02:19	
K1518-05	S	Total CN	P	5.3028	µg/l	2/19/2019 14:02:20	
CCV2	S	Total CN	P	241.5548	µg/l	2/19/2019 14:02:21	
CCB2	S	Total CN	P	1.1858	µg/l	2/19/2019 14:02:22	
K1518-07	S	Total CN	P	2.784	µg/l	2/19/2019 14:02:23	
K1518-09	S	Total CN	P	1.9981	µg/l	2/19/2019 14:02:24	
K1518-11	S	Total CN	P	3.5338	µg/l	2/19/2019 14:02:25	
K1518-13	S	Total CN	P	8.3478	µg/l	2/19/2019 14:02:26	
K1518-15	S	Total CN	P	11.845	µg/l	2/19/2019 14:02:27	
K1518-17	S	Total CN	P	7.8981	µg/l	2/19/2019 14:02:28	
K1518-19	S	Total CN	P	4.5644	µg/l	2/19/2019 14:09:50	
K1518-21	S	Total CN	P	2.5002	µg/l	2/19/2019 14:09:51	
K1525-03	S	Total CN	P	2.7979	µg/l	2/19/2019 14:09:52	
K1525-03DUP	S	Total CN	P	3.1039	µg/l	2/19/2019 14:09:53	
CCV3	S	Total CN	P	240.5872	µg/l	2/19/2019 14:09:54	
CCB3	S	Total CN	P	1.5494	µg/l	2/19/2019 14:09:55	
K1525-03MS	S	Total CN	P	37.2462	µg/l	2/19/2019 14:09:56	
K1525-03MSD	S	Total CN	P	37.6761	µg/l	2/19/2019 14:09:57	
K1525-07	S	Total CN	P	1.228	µg/l	2/19/2019 14:09:58	
PB117174BL	S	Total CN	P	1.2269	µg/l	2/19/2019 14:09:59	
PB117174BS	S	Total CN	P	98.508	µg/l	2/19/2019 14:10:00	
K1508-03	S	Total CN	P	2.1903	µg/l	2/19/2019 14:17:25	
K1508-03DUP	S	Total CN	P	2.1971	µg/l	2/19/2019 14:17:26	
K1508-11	S	Total CN	P	1.6888	µg/l	2/19/2019 14:17:28	

As

K1508-15	S	Total CN	P	2.0404 µg/l	2/19/2019 14:17:29
CCV4	S	Total CN	P	240.2471 µg/l	2/19/2019 14:17:30
CCB4	S	Total CN	P	1.5559 µg/l	2/19/2019 14:17:31
K1511-01	S	Total CN	P	1.7479 µg/l	2/19/2019 14:17:34
K1513-01	S	Total CN	P	1.847 µg/l	2/19/2019 14:17:35
K1513-03	S	Total CN	P	7.4639 µg/l	2/19/2019 14:23:36
K1513-05	S	Total CN	P	1.9224 µg/l	2/19/2019 14:23:37
K1514-01	S	Total CN	P	1.4513 µg/l	2/19/2019 14:23:38
K1517-01	S	Total CN	P	1.2542 µg/l	2/19/2019 14:23:39
K1508-03MS	S	Total CN	P	40.7211 µg/l	2/19/2019 14:23:40
K1508-03MSD	S	Total CN	P	40.3906 µg/l	2/19/2019 14:23:41
LOWPB117220	S	Total CN	P	11.0709 µg/l	2/19/2019 14:43:40
K1508-07	S	Total CN	P	1.2589 µg/l	2/19/2019 14:43:41
CCV5	S	Total CN	P	248.7227 µg/l	2/19/2019 14:43:42
CCB5	S	Total CN	P	1.5873 µg/l	2/19/2019 14:43:43

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2/19/2019 11:32

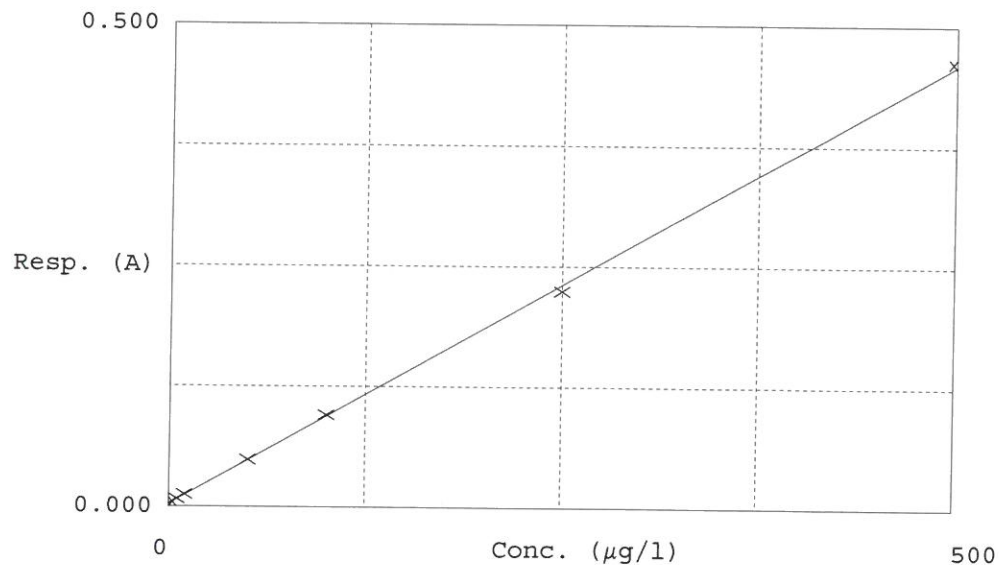
Test Total CN

Accepted 2/19/2019 11:32

Factor 1096
Bias 0.003

Coeff. of det. 0.999678

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	0.9669	0.0000	
2	5.0PPBCN	0.008	5.6641	5.0000	
3	10PPBCN	0.013	10.7257	10.0000	
4	50PPBCN	0.049	50.3485	50.0000	
5	100PPBCN	0.095	101.1875	100.0000	
6	250PPBCN	0.224	242.8013	250.0000	
7	500PPBCN	0.462	503.3058	500.0000	