

21399780

Test results

Aquakem 7.2AQ1

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

12/13/2018 10:41

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.669	0.0	0.088	
ICB1	0.751	0.0	0.004	
CCV1	239.360	0.0	0.210	
CCB1	0.749	0.0	0.004	
PB115569BL	0.854	0.0	0.004	
PB115569BS	97.846	0.0	0.088	
LOWPB115569	10.673	0.0	0.012	
HIGHPB115569	480.095	0.0	0.419	
PB115568BL	0.750	0.0	0.004	
PB115568BS	96.866	0.0	0.087	
J6334-01	5.122	0.0	0.008	
J6334-01DUP	5.184	0.0	0.008	
J6334-01MS	42.696	0.0	0.040	
J6334-01MSD	43.767	0.0	0.041	
CCV2	241.872	0.0	0.212	
CCB2	1.341	0.0	0.004	
J6189-01DUP	8.724	0.0	0.011	
J6189-01MS	61.130	0.0	0.056	
J6189-01MSD	61.203	0.0	0.056	
J6189-03	60.151	0.0	0.055	
J6189-05	9.884	0.0	0.012	
J6194-05	7.286	0.0	0.009	
J6342-01	88.300	0.0	0.080	
J6344-01	18.554	0.0	0.019	
J6344-04	7.333	0.0	0.009	
J6354-01	168.904	0.0	0.149	
CCV3	240.341	0.0	0.211	
CCB3	0.856	0.0	0.004	
PB115608BL	0.532	0.0	0.004	
PB115608BS	95.623	0.0	0.086	
J6357-01	14.007	0.0	0.015	
J6357-01DUP	14.112	0.0	0.015	
J6357-03	54.566	0.0	0.050	
J6357-04	26.237	0.0	0.026	
J6357-05	76.703	0.0	0.070	
J6357-06	30.460	0.0	0.029	
J6357-07	15.506	0.0	0.017	
CCV4	226.742	0.0	0.199	
CCB4	0.819	0.0	0.004	
J6357-08	82.685	0.0	0.075	
J6357-09	166.848	0.0	0.148	
J6357-10	7.907	0.0	0.010	
J6340-01	10.220	0.0	0.012	
J6340-01DUP	10.851	0.0	0.013	
J6340-01MS	55.963	0.0	0.052	
J6340-01MSD	65.891	0.0	0.060	
J6340-02	26.970	0.0	0.026	
J6340-03	34.707	0.0	0.033	
CCV5	236.046	0.0	0.207	
CCB5	1.415	0.0	0.004	
J6340-04	26.242	0.0	0.026	
J6340-05	51.668	0.0	0.048	
J6340-06	15.405	0.0	0.016	
J6340-07	21.641	0.0	0.022	
J6340-09	22.691	0.0	0.023	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
J6340-10	11.309	0.0	0.013	
J6340-11	1.290	0.0	0.004	
CCV6	239.087	0.0	0.210	
CCB6	1.020	0.0	0.004	
J6334-04	14.788	0.0	0.016	
J6334-07	9.810	0.0	0.012	
J6334-10	13.899	0.0	0.015	
J6340-12	25.170	0.0	0.025	
PB115607BL	1.173	0.0	0.004	
PB115607BS	93.696	0.0	0.084	
J6189-01	9.198	0.0	0.011	
J6357-02	47.291	0.0	0.044	
CCV7 CCV4	253.178	0.0	0.222	
CCB7 CCB4	1.219	0.0	0.004	

N	69
Mean	61.056
SD	88.8868
CV%	145.58

CHEMTECH
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12/13/2018 8:02

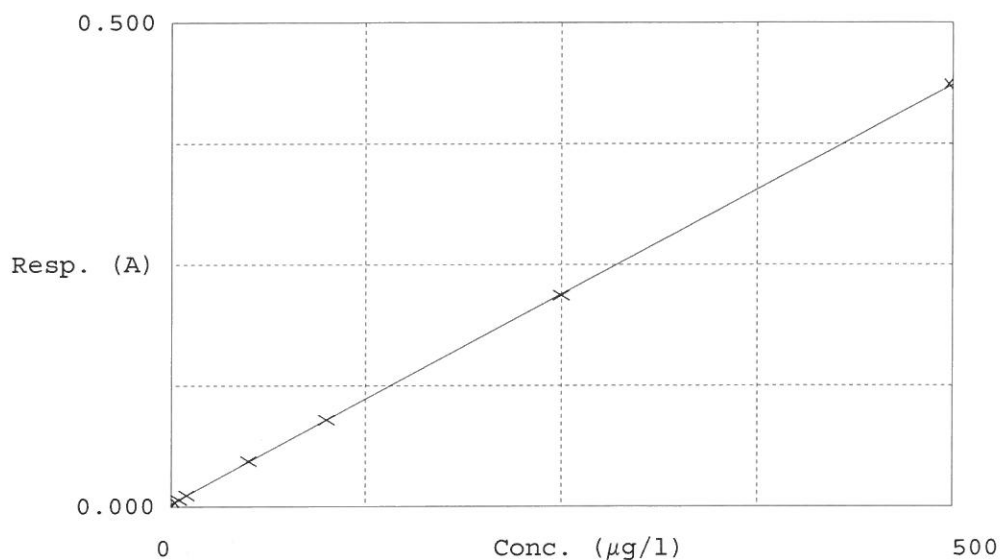
Test Total CN

Accepted 12/13/2018 8:02

Factor 1155
Bias 0.003

Coeff. of det. 0.999981

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	0.3929	0.0000	
2	5.0PPBCN	0.007	4.5069	5.0000	
3	10PPBCN	0.012	9.8725	10.0000	
4	50PPBCN	0.047	50.9205	50.0000	
5	100PPBCN	0.090	100.1730	100.0000	
6	250PPBCN	0.218	248.5069	250.0000	
7	500PPBCN	0.436	500.6273	500.0000	

Aquakem v. 7.2AQ1

Results from time period:

Thu Dec 13 07:59:14 2018

Thu Dec 13 10:11:25 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	0.3929	µg/l	12/13/2018 7:59:14	
5.OPPBCN	A	Total CN	P	4.5069	µg/l	12/13/2018 7:59:15	
10PPBCN	A	Total CN	P	9.8725	µg/l	12/13/2018 7:59:16	
50PPBCN	A	Total CN	P	50.9205	µg/l	12/13/2018 7:59:17	
100PPBCN	A	Total CN	P	100.173	µg/l	12/13/2018 7:59:18	
250PPBCN	A	Total CN	P	248.5069	µg/l	12/13/2018 7:59:19	
500PPBCN	A	Total CN	P	500.6273	µg/l	12/13/2018 7:59:20	
ICV1	S	Total CN	P	97.6685	µg/l	12/13/2018 8:42:42	
ICB1	S	Total CN	P	0.7514	µg/l	12/13/2018 8:42:44	
CCV1	S	Total CN	P	239.36	µg/l	12/13/2018 8:42:45	
CCB1	S	Total CN	P	0.749	µg/l	12/13/2018 8:42:48	
PB115569BL	S	Total CN	P	0.8543	µg/l	12/13/2018 8:42:49	
PB115569BS	S	Total CN	P	97.8459	µg/l	12/13/2018 8:42:50	
LOWPB115569	S	Total CN	P	10.6733	µg/l	12/13/2018 8:42:51	
HIGHPB115569	S	Total CN	P	480.0948	µg/l	12/13/2018 8:50:16	
PB115568BL	S	Total CN	P	0.7502	µg/l	12/13/2018 8:57:56	
PB115568BS	S	Total CN	P	96.8656	µg/l	12/13/2018 8:57:57	
J6334-01	S	Total CN	P	5.1224	µg/l	12/13/2018 8:57:58	
J6334-01DUP	S	Total CN	P	5.1844	µg/l	12/13/2018 8:58:01	
J6334-01MS	S	Total CN	P	42.6955	µg/l	12/13/2018 9:05:27	
J6334-01MSD	S	Total CN	P	43.7668	µg/l	12/13/2018 9:05:28	
CCV2	S	Total CN	P	241.8723	µg/l	12/13/2018 9:05:36	
CCB2	S	Total CN	P	1.3413	µg/l	12/13/2018 9:05:37	
J6189-01DUP	S	Total CN	P	8.724	µg/l	12/13/2018 9:13:02	
J6189-01MS	S	Total CN	P	61.1296	µg/l	12/13/2018 9:13:03	
J6189-01MSD	S	Total CN	P	61.2033	µg/l	12/13/2018 9:13:04	
J6189-03	S	Total CN	P	60.1512	µg/l	12/13/2018 9:13:05	
J6189-05	S	Total CN	P	9.8838	µg/l	12/13/2018 9:13:06	
J6194-05	S	Total CN	P	7.286	µg/l	12/13/2018 9:13:07	
J6342-01	S	Total CN	P	88.3005	µg/l	12/13/2018 9:13:08	
J6344-01	S	Total CN	P	18.5543	µg/l	12/13/2018 9:13:09	
J6344-04	S	Total CN	P	7.3334	µg/l	12/13/2018 9:13:10	
J6354-01	S	Total CN	P	168.9038	µg/l	12/13/2018 9:13:11	
CCV3	S	Total CN	P	240.341	µg/l	12/13/2018 9:13:12	
CCB3	S	Total CN	P	0.8559	µg/l	12/13/2018 9:20:34	
PB115608BL	S	Total CN	P	0.5325	µg/l	12/13/2018 9:20:35	
PB115608BS	S	Total CN	P	95.6233	µg/l	12/13/2018 9:20:36	
J6357-01	S	Total CN	P	14.0072	µg/l	12/13/2018 9:20:37	
J6357-01DUP	S	Total CN	P	14.1121	µg/l	12/13/2018 9:20:38	
J6357-03	S	Total CN	P	54.5661	µg/l	12/13/2018 9:20:40	
J6357-04	S	Total CN	P	26.2366	µg/l	12/13/2018 9:20:41	
J6357-05	S	Total CN	P	76.7032	µg/l	12/13/2018 9:20:42	

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J6357-06	S	Total CN	P	30.4603 µg/l	12/13/2018 9:20:43
J6357-07	S	Total CN	P	15.5064 µg/l	12/13/2018 9:20:44
CCV4	S	Total CN	P	226.7415 µg/l	12/13/2018 9:28:09
CCB4	S	Total CN	P	0.8191 µg/l	12/13/2018 9:28:10
J6357-08	S	Total CN	P	82.6852 µg/l	12/13/2018 9:28:11
J6357-09	S	Total CN	P	166.8475 µg/l	12/13/2018 9:28:12
J6357-10	S	Total CN	P	7.9069 µg/l	12/13/2018 9:28:13
J6340-01	S	Total CN	P	10.2196 µg/l	12/13/2018 9:58:03
J6340-01DUP	S	Total CN	P	10.8513 µg/l	12/13/2018 9:58:04
J6340-01MS	S	Total CN	P	55.9628 µg/l	12/13/2018 9:58:05
J6340-01MSD	S	Total CN	P	65.8906 µg/l	12/13/2018 9:58:06
J6340-02	S	Total CN	P	26.97 µg/l	12/13/2018 9:58:07
J6340-03	S	Total CN	P	34.7073 µg/l	12/13/2018 9:58:08
CCV5	S	Total CN	P	236.0459 µg/l	12/13/2018 9:58:09
CCB5	S	Total CN	P	1.4146 µg/l	12/13/2018 9:58:10
J6340-04	S	Total CN	P	26.2419 µg/l	12/13/2018 9:58:11
J6340-05	S	Total CN	P	51.6684 µg/l	12/13/2018 9:58:12
J6340-06	S	Total CN	P	15.4047 µg/l	12/13/2018 9:58:13
J6340-07	S	Total CN	P	21.6414 µg/l	12/13/2018 10:05:36
J6340-09	S	Total CN	P	22.6912 µg/l	12/13/2018 10:05:37
J6340-10	S	Total CN	P	11.3093 µg/l	12/13/2018 10:05:38
J6340-11	S	Total CN	P	1.29 µg/l	12/13/2018 10:05:39
CCV6	S	Total CN	P	239.0874 µg/l	12/13/2018 10:05:40
CCB6	S	Total CN	P	1.0197 µg/l	12/13/2018 10:05:41
J6334-04	S	Total CN	P	14.7883 µg/l	12/13/2018 10:05:42
J6334-07	S	Total CN	P	9.8104 µg/l	12/13/2018 10:05:43
J6334-10	S	Total CN	P	13.8991 µg/l	12/13/2018 10:05:44
J6340-12	S	Total CN	P	25.1699 µg/l	12/13/2018 10:05:45
PB115607BL	S	Total CN	P	1.1732 µg/l	12/13/2018 10:05:46
PB115607BS	S	Total CN	P	93.6959 µg/l	12/13/2018 10:11:19
J6189-01	S	Total CN	P	9.1985 µg/l	12/13/2018 10:11:20
J6357-02	S	Total CN	P	47.291 µg/l	12/13/2018 10:11:23
CCV7	S	Total CN	P	253.1782 µg/l	12/13/2018 10:11:24
CCB7	S	Total CN	P	1.2187 µg/l	12/13/2018 10:11:25