

1399031

Test results

Aquakem 7.2AQ1

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CHEMTECH

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

11/5/2018 12:35

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.997	0.0	0.102	
ICB1	-0.074	0.0	0.004	
CCV1	248.634	0.0	0.258	
CCB1	-0.565	0.0	0.004	
J5769-01	0.604	0.0	0.005	
J5769-01DUP	2.102	0.0	0.006	
J5769-01MS	25.525	0.0	0.030	
J5769-01MSD	25.896	0.0	0.031	
J5769-03	0.152	0.0	0.004	
J5769-05	-0.530	0.0	0.004	
J5769-07	0.155	0.0	0.004	
J5769-09	1.553	0.0	0.006	
J5769-11	4.524	0.0	0.009	
J5769-13	1.085	0.0	0.005	
CCV2	246.191	0.0	0.255	
CCB2	-0.419	0.0	0.004	
J5769-15	-0.441	0.0	0.004	
J5769-17	-0.102	0.0	0.004	
J5769-19	3.914	0.0	0.008	
PB114478BL	-0.821	0.0	0.003	
PB114478BS	94.936	0.0	0.101	
LOWPB114478	9.963	0.0	0.014	
HIGHPB114478	486.253	0.0	0.500	
J5813-01	-0.171	0.0	0.004	
J5813-01DUP	-0.372	0.0	0.004	
J5813-01MS	24.820	0.0	0.030	
CCV3	248.499	0.0	0.258	
CCB3	-0.385	0.0	0.004	
J5813-01MSD	24.945	0.0	0.030	
J5813-02	0.384	0.0	0.005	
J5813-03	0.210	0.0	0.004	
J5813-04	0.035	0.0	0.004	
J5813-05	0.447	0.0	0.005	
J5813-06	-0.006	0.0	0.004	
J5813-07	0.483	0.0	0.005	
J5813-08	0.657	0.0	0.005	
J5813-09	0.658	0.0	0.005	
J5813-10	0.551	0.0	0.005	
CCV4	254.200	0.0	0.263	
CCB4	-0.289	0.0	0.004	
J5813-12	-0.096	0.0	0.004	
PB114479BL	0.012	0.0	0.004	
PB114479BS	95.793	0.0	0.102	
J5764-01	7.537	0.0	0.012	
J5764-01DUP	7.201	0.0	0.012	
J5764-01MS	32.274	0.0	0.037	
J5764-01MSD	32.529	0.0	0.037	
J5764-03	1.453	0.0	0.006	
J5764-07	0.127	0.0	0.004	
CCV5	248.620	0.0	0.258	
CCB5	-0.505	0.0	0.004	
J5764-09	2.455	0.0	0.007	
J5764-11	10.243	0.0	0.015	
J5813-11	1.167	0.0	0.005	
J5764-01	7.502	0.0	0.012	

LB 99031

Test results

Aquakem 7.2AQ1

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

11/5/2018 12:35

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
J5764-13	1.003	0.0	0.005	
J5764-15	1.828	0.0	0.006	
J5764-17	-0.258	0.0	0.004	
J5764-19	2.049	0.0	0.006	
PB114481BL	-0.627	0.0	0.004	
PB114481BS	95.060	0.0	0.101	
CCV6	244.865	0.0	0.254	
CCB6	-0.605	0.0	0.004	
J5804-03MS	18.000	0.0	0.023	
J5804-03MSD	17.865	0.0	0.022	
J5764-05	-0.054	0.0	0.004	
CCV7	252.210	0.0	0.261	
CCB7	-0.444	0.0	0.004	
PB114446BL	-0.548	0.0	0.004	
PB114446BS	96.514	0.0	0.103	
J5794-03	-0.115	0.0	0.004	
J5794-03DUP	-0.827	0.0	0.003	
J5794-03MS	21.417	0.0	0.026	
J5794-03MSD	20.723	0.0	0.025	
J5794-07	3.479	0.0	0.008	
J5794-11	-0.341	0.0	0.004	
PB114453BL	-0.659	0.0	0.004	
PB114453BS	95.137	0.0	0.101	
CCV78	263.913	0.0	0.273	
CCB78	-0.276	0.0	0.004	
J5804-03	-1.544	0.0	0.003	
J5804-03DUP	-0.274	0.0	0.004	
CCV79	266.463	0.0	0.276	
CCB79	-0.420	0.0	0.004	

N 84
 Mean 43.322
 SD 92.8189
 CV% 214.25

AK
11-05-18

Aquakem v. 7.2AQ1

Results from time period:

Mon Nov 05 09:50:34 2018

Mon Nov 05 12:33:23 2018

AK

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.7644	µg/l	11/5/2018 10:07:50	
5.0PPBCN	A	Total CN	P	4.7456	µg/l	11/5/2018 10:07:51	
10PPBCN	A	Total CN	P	9.8051	µg/l	11/5/2018 10:07:52	
50PPBCN	A	Total CN	P	49.4287	µg/l	11/5/2018 10:07:53	
100PPBCN	A	Total CN	P	100.5382	µg/l	11/5/2018 10:07:54	
250PPBCN	A	Total CN	P	252.5818	µg/l	11/5/2018 10:07:55	
500PPBCN	A	Total CN	P	498.6651	µg/l	11/5/2018 10:07:56	
ICV1	S	Total CN	P	95.9973	µg/l	11/5/2018 11:21:31	
ICB1	S	Total CN	P	-0.0741	µg/l	11/5/2018 11:21:32	
CCV1	S	Total CN	P	248.6341	µg/l	11/5/2018 11:29:09	
CCB1	S	Total CN	P	-0.5649	µg/l	11/5/2018 11:29:10	
J5769-01	S	Total CN	P	0.6039	µg/l	11/5/2018 11:29:11	
J5769-01DUP	S	Total CN	P	2.1022	µg/l	11/5/2018 11:29:12	
J5769-01MS	S	Total CN	P	25.5251	µg/l	11/5/2018 11:29:13	
J5769-01MSD	S	Total CN	P	25.896	µg/l	11/5/2018 11:29:14	
J5769-03	S	Total CN	P	0.152	µg/l	11/5/2018 11:29:15	
J5769-05	S	Total CN	P	-0.5303	µg/l	11/5/2018 11:29:16	
J5769-07	S	Total CN	P	0.1551	µg/l	11/5/2018 11:36:42	
J5769-09	S	Total CN	P	1.5531	µg/l	11/5/2018 11:36:43	
J5769-11	S	Total CN	P	4.5242	µg/l	11/5/2018 11:36:44	
J5769-13	S	Total CN	P	1.0852	µg/l	11/5/2018 11:36:45	
CCV2	S	Total CN	P	246.1908	µg/l	11/5/2018 11:36:46	
CCB2	S	Total CN	P	-0.4191	µg/l	11/5/2018 11:36:47	
J5769-15	S	Total CN	P	-0.4411	µg/l	11/5/2018 11:36:48	
J5769-17	S	Total CN	P	-0.1024	µg/l	11/5/2018 11:36:49	
J5769-19	S	Total CN	P	3.9145	µg/l	11/5/2018 11:36:50	
PB114478BL	S	Total CN	P	-0.8209	µg/l	11/5/2018 11:36:51	
PB114478BS	S	Total CN	P	94.9359	µg/l	11/5/2018 11:44:16	
LOWPB114478	S	Total CN	P	9.9634	µg/l	11/5/2018 11:44:17	
HIGHPB114478	S	Total CN	P	486.2527	µg/l	11/5/2018 11:44:18	
J5813-01	S	Total CN	P	-0.171	µg/l	11/5/2018 11:44:19	
J5813-01DUP	S	Total CN	P	-0.3716	µg/l	11/5/2018 11:44:20	
J5813-01MS	S	Total CN	P	24.8195	µg/l	11/5/2018 11:44:21	
CCV3	S	Total CN	P	248.4986	µg/l	11/5/2018 11:44:22	
CCB3	S	Total CN	P	-0.3846	µg/l	11/5/2018 11:44:23	
J5813-01MSD	S	Total CN	P	24.945	µg/l	11/5/2018 11:44:24	
J5813-02	S	Total CN	P	0.3838	µg/l	11/5/2018 11:44:25	
J5813-03	S	Total CN	P	0.2103	µg/l	11/5/2018 11:44:26	
J5813-04	S	Total CN	P	0.0346	µg/l	11/5/2018 11:51:51	
J5813-05	S	Total CN	P	0.4473	µg/l	11/5/2018 11:51:52	
J5813-06	S	Total CN	P	-0.0057	µg/l	11/5/2018 11:51:53	
J5813-07	S	Total CN	P	0.4828	µg/l	11/5/2018 11:51:54	

AL

J5813-08	S	Total CN	P	0.6573 µg/l	11/5/2018 11:51:55
J5813-09	S	Total CN	P	0.6581 µg/l	11/5/2018 11:51:56
J5813-10	S	Total CN	P	0.5515 µg/l	11/5/2018 11:51:57
CCV4	S	Total CN	P	254.1999 µg/l	11/5/2018 11:51:58
CCB4	S	Total CN	P	-0.2887 µg/l	11/5/2018 11:51:59
J5813-12	S	Total CN	P	-0.0957 µg/l	11/5/2018 11:52:00
PB114479BL	S	Total CN	P	0.0119 µg/l	11/5/2018 11:52:01
PB114479BS	S	Total CN	P	95.7927 µg/l	11/5/2018 11:59:26
J5764-01	S	Total CN	P	7.5373 µg/l	11/5/2018 11:59:27
J5764-01DUP	S	Total CN	P	7.201 µg/l	11/5/2018 11:59:28
J5764-01MS	S	Total CN	P	32.2741 µg/l	11/5/2018 11:59:29
J5764-01MSD	S	Total CN	P	32.5287 µg/l	11/5/2018 11:59:30
J5764-03	S	Total CN	P	1.4526 µg/l	11/5/2018 11:59:31
J5764-07	S	Total CN	P	0.1273 µg/l	11/5/2018 11:59:32
CCV5	S	Total CN	P	248.6196 µg/l	11/5/2018 11:59:33
CCB5	S	Total CN	P	-0.5054 µg/l	11/5/2018 11:59:34
J5764-09	S	Total CN	P	2.4547 µg/l	11/5/2018 11:59:35
J5764-11	S	Total CN	P	10.2429 µg/l	11/5/2018 11:59:36
J5813-11	S	Total CN	P	1.1665 µg/l	11/5/2018 12:06:58
J5764-01	S	Total CN	P	7.5019 µg/l	11/5/2018 12:06:59
J5764-13	S	Total CN	P	1.0028 µg/l	11/5/2018 12:07:00
J5764-15	S	Total CN	P	1.828 µg/l	11/5/2018 12:07:01
J5764-17	S	Total CN	P	-0.2576 µg/l	11/5/2018 12:07:02
J5764-19	S	Total CN	P	2.0494 µg/l	11/5/2018 12:07:03
PB114481BL	S	Total CN	P	-0.6275 µg/l	11/5/2018 12:07:04
PB114481BS	S	Total CN	P	95.0597 µg/l	11/5/2018 12:07:06
CCV6	S	Total CN	P	244.8651 µg/l	11/5/2018 12:13:41
CCB6	S	Total CN	P	-0.6055 µg/l	11/5/2018 12:13:42
J5804-03MS	S	Total CN	P	18.0004 µg/l	11/5/2018 12:13:43
J5804-03MSD	S	Total CN	P	17.8652 µg/l	11/5/2018 12:13:44
J5764-05	S	Total CN	P	-0.0542 µg/l	11/5/2018 12:13:45
CCV7	S	Total CN	P	252.2097 µg/l	11/5/2018 12:13:47
CCB7	S	Total CN	P	-0.4438 µg/l	11/5/2018 12:13:48
PB114446BL	S	Total CN	P	-0.5484 µg/l	11/5/2018 12:25:11
PB114446BS	S	Total CN	P	96.5142 µg/l	11/5/2018 12:25:12
J5794-03	S	Total CN	P	-0.1147 µg/l	11/5/2018 12:25:13
J5794-03DUP	S	Total CN	P	-0.8274 µg/l	11/5/2018 12:25:14
J5794-03MS	S	Total CN	P	21.4168 µg/l	11/5/2018 12:25:15
J5794-03MSD	S	Total CN	P	20.7229 µg/l	11/5/2018 12:25:16
J5794-07	S	Total CN	P	3.4788 µg/l	11/5/2018 12:25:17
J5794-11	S	Total CN	P	-0.3407 µg/l	11/5/2018 12:25:18
PB114453BL	S	Total CN	P	-0.6587 µg/l	11/5/2018 12:25:19
PB114453BS	S	Total CN	P	95.1369 µg/l	11/5/2018 12:25:20
CCV8	S	Total CN	P	263.9126 µg/l	11/5/2018 12:29:02
CCB8	S	Total CN	P	-0.276 µg/l	11/5/2018 12:29:03
J5804-03	S	Total CN	P	-1.5438 µg/l	11/5/2018 12:33:20
J5804-03DUP	S	Total CN	P	-0.2742 µg/l	11/5/2018 12:33:21

AP

CCV9	S	Total CN	P	266.463 µg/l	11/5/2018 12:33:22
CCB9	S	Total CN	P	-0.4197 µg/l	11/5/2018 12:33:23

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

11/5/2018 10:10

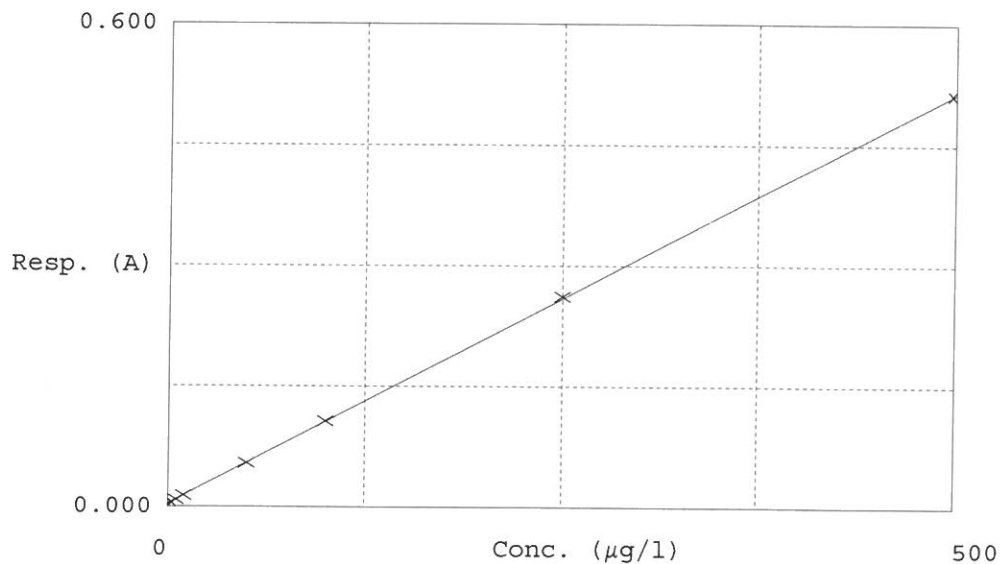
Test Total CN

Accepted 11/5/2018 10:10

Factor 980.8
Bias 0.004

Coeff. of det. 0.999953

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.7644	0.0000	
2	5.0PPBCN	0.009	4.7456	5.0000	
3	10PPBCN	0.014	9.8051	10.0000	
4	50PPBCN	0.055	49.4287	50.0000	
5	100PPBCN	0.107	100.5382	100.0000	
6	250PPBCN	0.262	252.5818	250.0000	
7	500PPBCN	0.513	498.6651	500.0000	