

LB92909

Test results

Aquakem 7.2AQ1

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

1/26/2018 11:57

Test: Total CN *Mg/d*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.570	0.0	0.093	
ICB1	-0.552	0.0	0.004	
CCV1	247.423	0.0	0.232	
CCB1	-0.523	0.0	0.004	
PB105973BL	-0.628	0.0	0.004	
PB105973BS	96.771	0.0	0.093	
LOWPB105973	9.113	0.0	0.013	
HIGHPB105973	483.361	0.0	0.448	
J1257-01	7.734	0.0	0.011	
J1257-01DUP	7.617	0.0	0.011	
J1257-03	11.731	0.0	0.015	
J1257-05	6.123	0.0	0.010	
CCV2	246.580	0.0	0.231	
CCB2	-0.605	0.0	0.004	
J1257-07	1.526	0.0	0.006	
J1257-09	1.745	0.0	0.006	
J1257-11	6.989	0.0	0.011	
J1257-13	3.123	0.0	0.007	
J1257-15	10.346	0.0	0.014	
J1257-17	2.102	0.0	0.006	
PB105963BL	-0.811	0.0	0.004	
PB105963BS	96.785	0.0	0.093	
CCV3	246.341	0.0	0.231	
CCB3	-0.272	0.0	0.004	
J1253-01MS	33.138	0.0	0.035	
J1253-01MSD	32.094	0.0	0.034	
J1253-03	2.700	0.0	0.007	
J1253-05	2.560	0.0	0.007	
J1253-07	1.308	0.0	0.006	
J1253-09	0.423	0.0	0.005	
J1253-11	0.878	0.0	0.005	
J1253-13	0.387	0.0	0.005	
J1253-15	0.122	0.0	0.004	
J1253-17	-0.631	0.0	0.004	
CCV4	242.331	0.0	0.227	
CCB4	-0.305	0.0	0.004	
J1253-19	58.281	0.0	0.058	
PB105997BL	-0.881	0.0	0.004	
PB105997BS	96.014	0.0	0.093	
J1020-01	0.109	0.0	0.004	
J1020-01DUP	0.080	0.0	0.004	
J1020-01MS	32.566	0.0	0.034	
J1020-01MSD	32.957	0.0	0.035	
J1020-03	-0.136	0.0	0.004	
J1020-05	-0.219	0.0	0.004	
J1020-07	-0.581	0.0	0.004	
CCV5	243.311	0.0	0.228	
CCB5	3.054	0.0	0.007	
J1020-09	1.149	0.0	0.005	
J1020-11	0.298	0.0	0.005	
J1020-13	0.025	0.0	0.004	
J1020-15	0.204	0.0	0.005	
J1299-01	-0.494	0.0	0.004	
PB105895BL	-0.632	0.0	0.004	
PB105895BS	98.230	0.0	0.095	

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Test: Total CN *Mg* Id

Sample Id	Result	Dil. 1 +	Response	Errors
J1235-01	1.143	0.0	0.005	
J1235-01DUP	1.134	0.0	0.005	
J1235-01MS	25.173	0.0	0.027	
CCV6	253.134	0.0	0.237	
CCB6	-0.496	0.0	0.004	
J1235-01MSD	25.529	0.0	0.028	
MDL-WATER-06	0.906	0.0	0.005	
MDL-WATER-07	0.770	0.0	0.005	
J1257-01MS	53.236	0.0	0.053	
J1257-01MSD	53.628	0.0	0.054	
J1253-01	0.208	0.0	0.005	
J1253-01DUP	0.056	0.0	0.004	
CCV7	259.960	0.0	0.243	
CCB7	-0.545	0.0	0.004	

N	69
Mean	45.373
SD	92.8351
CV%	204.60

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Aquakem v. 7.2AQ1

Results from time period:

Fri Jan 26 10:00:34 2018

Fri Jan 26 11:54:39 2018

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.652	µg/l	1/26/2018 10:00:34	
5.OPPBCN	A	Total CN	P	4.151	µg/l	1/26/2018 10:00:35	
10PPBCN	A	Total CN	P	9.0246	µg/l	1/26/2018 10:00:36	
50PPBCN	A	Total CN	P	48.9515	µg/l	1/26/2018 10:00:37	
100PPBCN	A	Total CN	P	100.4822	µg/l	1/26/2018 10:00:38	
250PPBCN	A	Total CN	P	256.0126	µg/l	1/26/2018 10:00:39	
500PPBCN	A	Total CN	P	497.0302	µg/l	1/26/2018 10:00:40	
ICV1	S	Total CN	P	96.5696	µg/l	1/26/2018 10:48:50	
ICB1	S	Total CN	P	-0.5521	µg/l	1/26/2018 10:48:52	
CCV1	S	Total CN	P	247.4228	µg/l	1/26/2018 10:48:53	
CCB1	S	Total CN	P	-0.5225	µg/l	1/26/2018 10:48:55	
PB105973BL	S	Total CN	P	-0.6282	µg/l	1/26/2018 10:48:57	
PB105973BS	S	Total CN	P	96.7712	µg/l	1/26/2018 10:48:58	
LOWPB105973	S	Total CN	P	9.1133	µg/l	1/26/2018 10:48:59	
HIGHPB105973	S	Total CN	P	483.3609	µg/l	1/26/2018 10:56:24	
J1257-01	S	Total CN	P	7.7344	µg/l	1/26/2018 10:56:25	
J1257-01DUP	S	Total CN	P	7.617	µg/l	1/26/2018 10:56:26	
J1257-03	S	Total CN	P	11.7309	µg/l	1/26/2018 10:56:29	
J1257-05	S	Total CN	P	6.1229	µg/l	1/26/2018 10:56:30	
CCV2	S	Total CN	P	246.5797	µg/l	1/26/2018 10:56:31	
CCB2	S	Total CN	P	-0.6052	µg/l	1/26/2018 10:56:32	
J1257-07	S	Total CN	P	1.5261	µg/l	1/26/2018 10:56:33	
J1257-09	S	Total CN	P	1.7446	µg/l	1/26/2018 10:56:34	
J1257-11	S	Total CN	P	6.9895	µg/l	1/26/2018 11:03:59	
J1257-13	S	Total CN	P	3.1234	µg/l	1/26/2018 11:04:00	
J1257-15	S	Total CN	P	10.3461	µg/l	1/26/2018 11:04:01	
J1257-17	S	Total CN	P	2.1025	µg/l	1/26/2018 11:04:02	
PB105963BL	S	Total CN	P	-0.8109	µg/l	1/26/2018 11:04:03	
PB105963BS	S	Total CN	P	96.7851	µg/l	1/26/2018 11:04:04	
CCV3	S	Total CN	P	246.3409	µg/l	1/26/2018 11:04:07	
CCB3	S	Total CN	P	-0.2721	µg/l	1/26/2018 11:04:08	
J1253-01MS	S	Total CN	P	33.1385	µg/l	1/26/2018 11:04:09	
J1253-01MSD	S	Total CN	P	32.0941	µg/l	1/26/2018 11:11:34	
J1253-03	S	Total CN	P	2.7003	µg/l	1/26/2018 11:11:35	
J1253-05	S	Total CN	P	2.5599	µg/l	1/26/2018 11:11:36	
J1253-07	S	Total CN	P	1.308	µg/l	1/26/2018 11:11:37	
J1253-09	S	Total CN	P	0.4229	µg/l	1/26/2018 11:11:38	
J1253-11	S	Total CN	P	0.8777	µg/l	1/26/2018 11:11:39	
J1253-13	S	Total CN	P	0.3873	µg/l	1/26/2018 11:11:40	
J1253-15	S	Total CN	P	0.1216	µg/l	1/26/2018 11:11:41	
J1253-17	S	Total CN	P	-0.6312	µg/l	1/26/2018 11:11:42	
CCV4	S	Total CN	P	242.3314	µg/l	1/26/2018 11:11:43	

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CCB4	S	Total CN	P	-0.3047 µg/l	1/26/2018 11:11:44
J1253-19	S	Total CN	P	58.2806 µg/l	1/26/2018 11:19:08
PB105997BL	S	Total CN	P	-0.8809 µg/l	1/26/2018 11:19:09
PB105997BS	S	Total CN	P	96.0139 µg/l	1/26/2018 11:19:10
J1020-01	S	Total CN	P	0.1092 µg/l	1/26/2018 11:19:11
J1020-01DUP	S	Total CN	P	0.0802 µg/l	1/26/2018 11:19:12
J1020-01MS	S	Total CN	P	32.566 µg/l	1/26/2018 11:19:13
J1020-01MSD	S	Total CN	P	32.9573 µg/l	1/26/2018 11:19:14
J1020-03	S	Total CN	P	-0.1359 µg/l	1/26/2018 11:19:15
J1020-05	S	Total CN	P	-0.2194 µg/l	1/26/2018 11:19:16
J1020-07	S	Total CN	P	-0.5812 µg/l	1/26/2018 11:19:17
CCV5	S	Total CN	P	243.3112 µg/l	1/26/2018 11:19:18
CCB5	S	Total CN	P	3.0544 µg/l	1/26/2018 11:26:41
J1020-09	S	Total CN	P	1.1486 µg/l	1/26/2018 11:26:42
J1020-11	S	Total CN	P	0.2979 µg/l	1/26/2018 11:26:43
J1020-13	S	Total CN	P	0.0248 µg/l	1/26/2018 11:26:44
J1020-15	S	Total CN	P	0.2038 µg/l	1/26/2018 11:26:45
J1299-01	S	Total CN	P	-0.4941 µg/l	1/26/2018 11:26:46
PB105895BL	S	Total CN	P	-0.6322 µg/l	1/26/2018 11:26:47
PB105895BS	S	Total CN	P	98.2305 µg/l	1/26/2018 11:26:48
J1235-01	S	Total CN	P	1.1427 µg/l	1/26/2018 11:26:49
J1235-01DUP	S	Total CN	P	1.1335 µg/l	1/26/2018 11:26:50
J1235-01MS	S	Total CN	P	25.173 µg/l	1/26/2018 11:26:51
CCV6	S	Total CN	P	253.1342 µg/l	1/26/2018 11:32:24
CCB6	S	Total CN	P	-0.4956 µg/l	1/26/2018 11:32:25
J1235-01MSD	S	Total CN	P	25.5292 µg/l	1/26/2018 11:32:26
MDL-WATER-06	S	Total CN	P	0.9061 µg/l	1/26/2018 11:32:27
MDL-WATER-07	S	Total CN	P	0.77 µg/l	1/26/2018 11:32:28
J1257-01MS	S	Total CN	P	53.2355 µg/l	1/26/2018 11:54:34
J1257-01MSD	S	Total CN	P	53.6282 µg/l	1/26/2018 11:54:35
J1253-01	S	Total CN	P	0.2075 µg/l	1/26/2018 11:54:36
J1253-01DUP	S	Total CN	P	0.0564 µg/l	1/26/2018 11:54:37
CCV7	S	Total CN	P	259.9595 µg/l	1/26/2018 11:54:38
CCB7	S	Total CN	P	-0.5445 µg/l	1/26/2018 11:54:39

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

1/26/2018 10:01

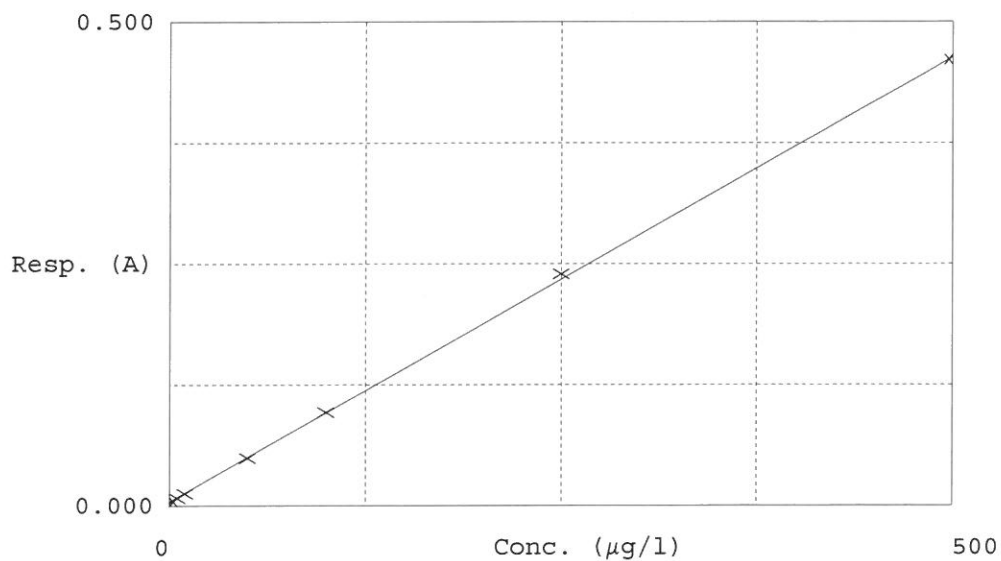
Test Total CN

Accepted 1/26/2018 10:01

Factor 1089
Bias 0.004

Coeff. of det. 0.999765

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-0.6520	0.0000	
2	5.0PPBCN	0.008	4.1510	5.0000	
3	10PPBCN	0.013	9.0246	10.0000	
4	50PPBCN	0.049	48.9515	50.0000	
5	100PPBCN	0.097	100.4822	100.0000	
6	250PPBCN	0.239	256.0126	250.0000	
7	500PPBCN	0.461	497.0302	500.0000	