

2/10/1534

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

3/21/2019 15:32

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.561	0.0	0.095	
ICB1	1.803	0.0	0.005	
CCV1	239.174	0.0	0.233	
CCB1	1.361	0.0	0.004	
PB118132BL	1.322	0.0	0.004	
PB118132BS	96.856	0.0	0.096	
LOWPB118132	11.062	0.0	0.014	
HIGHPB118132	489.723	0.0	0.474	
K2004-01	1.640	0.0	0.005	
K2004-01DUP	1.509	0.0	0.005	
K2004-01MS	16.263	0.0	0.019	
K2004-01MSD	15.577	0.0	0.018	
K2004-02	1.192	0.0	0.004	
K2004-03	2.256	0.0	0.005	
CCV2	239.855	0.0	0.234	
CCB2	1.308	0.0	0.004	
K2004-04	1.429	0.0	0.004	
K2004-05	30.773	0.0	0.033	
K2004-06	1.246	0.0	0.004	
K2004-07	1.678	0.0	0.005	
K2004-08	1.123	0.0	0.004	
K2004-09	2.337	0.0	0.005	
K2004-10	1.707	0.0	0.005	
K2004-11	5.296	0.0	0.008	
K2004-12	5.432	0.0	0.008	
K2010-01	2.749	0.0	0.006	
CCV3	238.903	0.0	0.233	
CCB3	1.370	0.0	0.004	
K2011-01	2.175	0.0	0.005	
PB118117BL	1.159	0.0	0.004	
PB118117BS	97.363	0.0	0.097	
K1987-01	1.951	0.0	0.005	
K1987-01DUP	1.732	0.0	0.005	
K1987-01MS	6.508	0.0	0.009	
K1987-01MSD	6.484	0.0	0.009	
K1987-02	1.765	0.0	0.005	
K1987-03	1.279	0.0	0.004	
K1987-04	2.549	0.0	0.006	
CCV4	238.534	0.0	0.233	
CCB4	1.402	0.0	0.004	
K1987-05	1.796	0.0	0.005	
K1987-06	2.173	0.0	0.005	
K2002-01	1.240	0.0	0.004	
K2002-03	1.275	0.0	0.004	
K2003-01	1.153	0.0	0.004	
PB118115BL	1.224	0.0	0.004	
PB118115BS	96.499	0.0	0.096	
K1984-01	1.251	0.0	0.004	
K1984-01DUP	1.454	0.0	0.004	
K1984-01MS	8.329	0.0	0.011	
CCV5	238.936	0.0	0.233	
CCB5	1.469	0.0	0.004	
K1984-01MSD	7.380	0.0	0.010	
K1984-02	1.487	0.0	0.004	
K1984-03	6.890	0.0	0.010	

AS

K200203

213101534

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3/21/2019 15:32

Test: Total CN

Sample Id	Result <i>mg/d</i>	Dil. 1 +	Response	Errors
K1984-04	1.659	0.0	0.005	
K1984-05	4.008	0.0	0.007	
K1984-06	1.506	0.0	0.005	
K1994-01	1.843	0.0	0.005	
K1994-02	1.287	0.0	0.004	
K1994-03	1.738	0.0	0.005	
K1994-05	1.330	0.0	0.004	
CCV6	245.698	0.0	0.240	
CCB6	1.638	0.0	0.005	
PB118116BL	1.221	0.0	0.004	
PB118116BS	96.108	0.0	0.096	
K1987-07	1.400	0.0	0.004	
K1987-07DUP	1.205	0.0	0.004	
K1987-07MS	33.534	0.0	0.035	
K1987-07MSD	32.974	0.0	0.035	
K2004-01A	36.803	0.0	0.038	
K1987-01A	39.888	0.0	0.041	
K1984-01A	37.187	0.0	0.039	
CCV8	259.688	0.0	0.253	
CCB8	1.586	0.0	0.005	

N	75
Mean	40.644
SD	88.8854
CV%	218.70

CHEMTECH
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3/21/2019 13:05

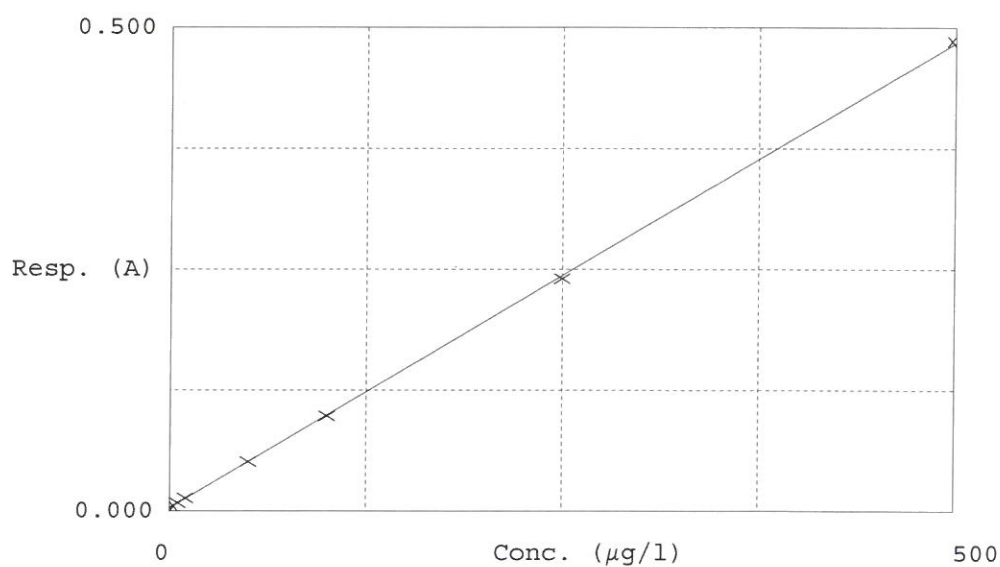
Test Total CN

Accepted 3/21/2019 13:05

Factor 1039
Bias 0.003

Coeff. of det. 0.999916

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	1.1324	0.0000	
2	5.0PPBCN	0.008	5.6469	5.0000	
3	10PPBCN	0.013	10.6641	10.0000	
4	50PPBCN	0.051	50.0038	50.0000	
5	100PPBCN	0.098	99.0322	100.0000	
6	250PPBCN	0.240	246.6944	250.0000	
7	500PPBCN	0.486	501.8263	500.0000	

Aquakem v. 7.2AQ1

Results from time period:

Thu Mar 21 12:49:43 2019

Thu Mar 21 15:26:01 2019

AS

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	1.1324	µg/l	3/21/2019 12:49:43	
5.OPPBCN	A	Total CN	P	5.6469	µg/l	3/21/2019 12:49:44	
10PPBCN	A	Total CN	P	10.6641	µg/l	3/21/2019 12:49:45	
50PPBCN	A	Total CN	P	50.0038	µg/l	3/21/2019 12:49:46	
100PPBCN	A	Total CN	P	99.0322	µg/l	3/21/2019 12:49:47	
250PPBCN	A	Total CN	P	246.6944	µg/l	3/21/2019 12:49:48	
500PPBCN	A	Total CN	P	501.8263	µg/l	3/21/2019 12:49:49	
ICV1	S	Total CN	P	95.5609	µg/l	3/21/2019 14:02:21	
ICB1	S	Total CN	P	1.8025	µg/l	3/21/2019 14:02:22	
CCV1	S	Total CN	P	239.174	µg/l	3/21/2019 14:02:23	
CCB1	S	Total CN	P	1.3606	µg/l	3/21/2019 14:02:24	
PB118132BL	S	Total CN	P	1.3223	µg/l	3/21/2019 14:02:25	
PB118132BS	S	Total CN	P	96.8559	µg/l	3/21/2019 14:02:26	
LOWPB118132	S	Total CN	P	11.062	µg/l	3/21/2019 14:02:27	
HIGHPB118132	S	Total CN	P	489.7228	µg/l	3/21/2019 14:02:28	
K2004-01	S	Total CN	P	1.64	µg/l	3/21/2019 14:02:29	
K2004-01DUP	S	Total CN	P	1.5087	µg/l	3/21/2019 14:02:30	
K2004-01MS	S	Total CN	P	16.2632	µg/l	3/21/2019 14:02:31	
K2004-01MSD	S	Total CN	P	15.5773	µg/l	3/21/2019 14:09:56	
K2004-02	S	Total CN	P	1.1924	µg/l	3/21/2019 14:09:57	
K2004-03	S	Total CN	P	2.2562	µg/l	3/21/2019 14:09:58	
CCV2	S	Total CN	P	239.855	µg/l	3/21/2019 14:09:59	
CCB2	S	Total CN	P	1.3077	µg/l	3/21/2019 14:10:00	
K2004-04	S	Total CN	P	1.4289	µg/l	3/21/2019 14:10:01	
K2004-05	S	Total CN	P	30.7728	µg/l	3/21/2019 14:10:02	
K2004-06	S	Total CN	P	1.2462	µg/l	3/21/2019 14:10:03	
K2004-07	S	Total CN	P	1.6784	µg/l	3/21/2019 14:10:04	
K2004-08	S	Total CN	P	1.1231	µg/l	3/21/2019 14:10:05	
K2004-09	S	Total CN	P	2.3369	µg/l	3/21/2019 14:10:06	
K2004-10	S	Total CN	P	1.7065	µg/l	3/21/2019 14:17:31	
K2004-11	S	Total CN	P	5.2962	µg/l	3/21/2019 14:17:32	
K2004-12	S	Total CN	P	5.432	µg/l	3/21/2019 14:17:33	
K2010-01	S	Total CN	P	2.7489	µg/l	3/21/2019 14:17:34	
CCV3	S	Total CN	P	238.9034	µg/l	3/21/2019 14:17:35	
CCB3	S	Total CN	P	1.3699	µg/l	3/21/2019 14:17:36	
K2011-01	S	Total CN	P	2.1755	µg/l	3/21/2019 14:17:37	
PB118117BL	S	Total CN	P	1.1593	µg/l	3/21/2019 14:17:38	
PB118117BS	S	Total CN	P	97.3634	µg/l	3/21/2019 14:17:39	
K1987-01	S	Total CN	P	1.951	µg/l	3/21/2019 14:17:40	
K1987-01DUP	S	Total CN	P	1.7315	µg/l	3/21/2019 14:17:41	
K1987-01MS	S	Total CN	P	6.5084	µg/l	3/21/2019 14:25:06	
K1987-01MSD	S	Total CN	P	6.4841	µg/l	3/21/2019 14:25:07	

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K1987-02	S	Total CN	P	1.7649 µg/l	3/21/2019 14:25:08
K1987-03	S	Total CN	P	1.2788 µg/l	3/21/2019 14:25:09
K1987-04	S	Total CN	P	2.5492 µg/l	3/21/2019 14:25:10
CCV4	S	Total CN	P	238.5336 µg/l	3/21/2019 14:25:11
CCB4	S	Total CN	P	1.4022 µg/l	3/21/2019 14:25:12
K1987-05	S	Total CN	P	1.7961 µg/l	3/21/2019 14:25:13
K1987-06	S	Total CN	P	2.1733 µg/l	3/21/2019 14:25:14
K2002-01	S	Total CN	P	1.2399 µg/l	3/21/2019 14:25:15
K2002-03	S	Total CN	P	1.2751 µg/l	3/21/2019 14:25:16
K2003-01	S	Total CN	P	1.1531 µg/l	3/21/2019 14:32:40
PB118115BL	S	Total CN	P	1.2241 µg/l	3/21/2019 14:32:41
PB118115BS	S	Total CN	P	96.4994 µg/l	3/21/2019 14:32:42
K1984-01	S	Total CN	P	1.2512 µg/l	3/21/2019 14:32:43
K1984-01DUP	S	Total CN	P	1.4536 µg/l	3/21/2019 14:32:44
K1984-01MS	S	Total CN	P	8.3288 µg/l	3/21/2019 14:32:45
CCV5	S	Total CN	P	238.9358 µg/l	3/21/2019 14:32:46
CCB5	S	Total CN	P	1.4694 µg/l	3/21/2019 14:32:47
K1984-01MSD	S	Total CN	P	7.3801 µg/l	3/21/2019 14:32:48
K1984-02	S	Total CN	P	1.4867 µg/l	3/21/2019 14:32:49
K1984-03	S	Total CN	P	6.8895 µg/l	3/21/2019 14:32:50
K1984-04	S	Total CN	P	1.6589 µg/l	3/21/2019 14:40:13
K1984-05	S	Total CN	P	4.0079 µg/l	3/21/2019 14:40:14
K1984-06	S	Total CN	P	1.5057 µg/l	3/21/2019 14:40:15
K1994-01	S	Total CN	P	1.843 µg/l	3/21/2019 14:40:16
K1994-02	S	Total CN	P	1.2868 µg/l	3/21/2019 14:40:17
K1994-03	S	Total CN	P	1.7379 µg/l	3/21/2019 14:40:18
K1994-05	S	Total CN	P	1.33 µg/l	3/21/2019 14:40:19
CCV6	S	Total CN	P	245.6978 µg/l	3/21/2019 14:40:20
CCB6	S	Total CN	P	1.6383 µg/l	3/21/2019 14:40:21
PB118116BL	S	Total CN	P	1.2212 µg/l	3/21/2019 14:40:22
PB118116BS	S	Total CN	P	96.1082 µg/l	3/21/2019 14:40:23
K1987-07	S	Total CN	P	1.4004 µg/l	3/21/2019 14:44:32
K1987-07DUP	S	Total CN	P	1.2051 µg/l	3/21/2019 14:44:33
K1987-07MS	S	Total CN	P	33.5335 µg/l	3/21/2019 14:44:34
K1987-07MSD	S	Total CN	P	32.9743 µg/l	3/21/2019 14:44:35
K2004-01A	S	Total CN	P	36.8035 µg/l	3/21/2019 15:25:57
K1987-01A	S	Total CN	P	39.8885 µg/l	3/21/2019 15:25:58
K1984-01A	S	Total CN	P	37.1867 µg/l	3/21/2019 15:25:59
CCV8	S	Total CN	P	259.6878 µg/l	3/21/2019 15:26:00
CCB8	S	Total CN	P	1.5858 µg/l	3/21/2019 15:26:01