

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

8/14/2019 10:07

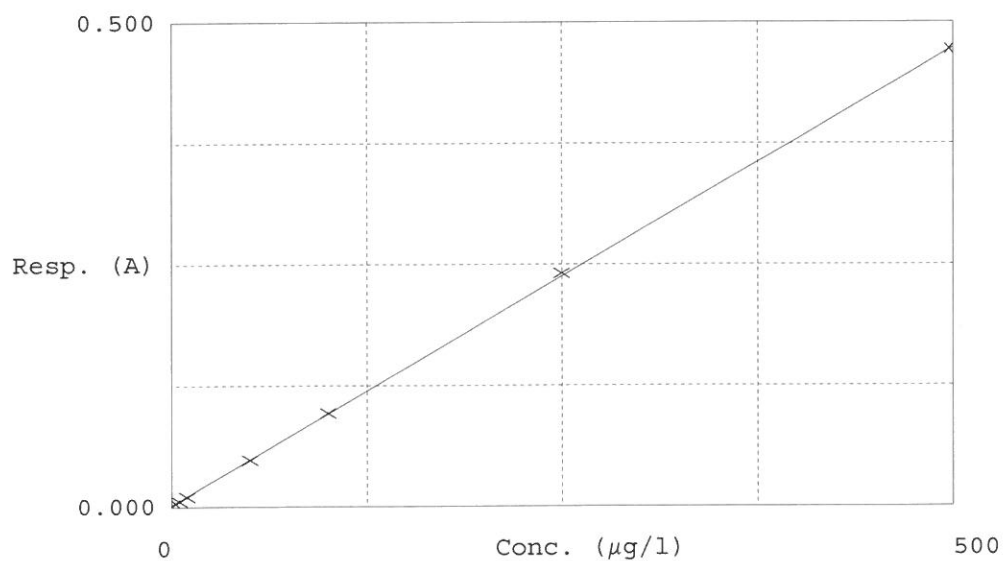
Test Total CN

Accepted 8/14/2019 10:07

Factor 1060
Bias 0.002

Coeff. of det. 0.999925

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.002	0.4428	0.0000	
2	5.0PPBCN	0.006	4.1344	5.0000	
3	10PPBCN	0.010	8.9764	10.0000	
4	50PPBCN	0.048	49.3379	50.0000	
5	100PPBCN	0.097	100.5278	100.0000	
6	250PPBCN	0.241	253.1819	250.0000	
7	500PPBCN	0.472	498.3988	500.0000	

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284 Sheffield Street,
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Instrument ID : Konelab

8/14/2019 15:54

Test: Total CN *og/12*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.064	0.0	0.093	
ICB1	-0.161	0.0	0.002	
CCV1	245.771	0.0	0.234	
CCB1	0.012	0.0	0.002	
PB122228BL	0.041	0.0	0.002	
PB122228BS	97.903	0.0	0.094	
LOWPB122228	9.371	0.0	0.011	
HIGHPB122228	483.013	0.0	0.458	
K4088-01	-0.093	0.0	0.002	
K4089-01	1.277	0.0	0.003	
K4096-01	0.201	0.0	0.002	
K4277-01	0.327	0.0	0.002	
K4277-01DUP	0.434	0.0	0.002	
K4277-01MS	47.487	0.0	0.047	
CCV2	247.262	0.0	0.235	
CCB2	0.563	0.0	0.002	
K4277-01MSD	47.590	0.0	0.047	
K4277-05	1.874	0.0	0.004	
K4277-09	-0.087	0.0	0.002	
K4319-03	0.382	0.0	0.002	
K4319-04	0.158	0.0	0.002	
K4319-05	0.280	0.0	0.002	
K4319-07	-0.478	0.0	0.001	
K4321-01	0.248	0.0	0.002	
K4321-03	-0.129	0.0	0.002	
K4321-05	2.157	0.0	0.004	
CCV3	244.846	0.0	0.233	
CCB3	0.222	0.0	0.002	
PB122254BL	0.182	0.0	0.002	
PB122254BS	96.617	0.0	0.093	
LOWPB122254	9.913	0.0	0.011	
HIGHPB122254	486.287	0.0	0.461	
K4328-01	-0.051	0.0	0.002	
K4328-01DUP	-0.255	0.0	0.002	
K4328-01MS	7.101	0.0	0.009	
K4328-01MSD	8.987	0.0	0.010	
CCV4	246.481	0.0	0.234	
CCB4	0.485	0.0	0.002	
K4329-01	1.626	0.0	0.003	
K4340-01	-0.751	0.0	0.001	
K4340-03	0.008	0.0	0.002	
PB122255BL	0.086	0.0	0.002	
PB122255BS	96.972	0.0	0.093	
K4329-03	0.318	0.0	0.002	
K4329-03DUP	0.378	0.0	0.002	
K4329-03MSD	30.178	0.0	0.030	
CCV5	243.288	0.0	0.231	
CCB5	-0.033	0.0	0.002	
K4329-03MS	30.054	0.0	0.030	
K4330-01	0.176	0.0	0.002	
K4330-02	-0.119	0.0	0.002	
K4331-01	-0.194	0.0	0.002	
K4331-02	-0.258	0.0	0.002	
K4332-01	-4.162	0.0	-0.002	
K4332-02	0.162	0.0	0.002	

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Sample Id	Result	Dil. 1 +	Response	Errors
K4333-01	36.718	0.0	0.037	
CCV6	246.837	0.0	0.235	
CCB6	0.486	0.0	0.002	

N	58
Mean	52.829
SD	112.0662
CV%	212.13

CT

Aquakem v. 7.2AQ1

Results from time period:

Wed Aug 14 14:55:43 2019

Wed Aug 14 15:36:23 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	0.4428	µg/l	8/14/2019 9:33:47	
5.0PPBCN	A	Total CN	P	4.1344	µg/l	8/14/2019 9:33:48	
10PPBCN	A	Total CN	P	8.9764	µg/l	8/14/2019 9:33:49	
50PPBCN	A	Total CN	P	49.3379	µg/l	8/14/2019 9:33:50	
100PPBCN	A	Total CN	P	100.5278	µg/l	8/14/2019 9:33:51	
250PPBCN	A	Total CN	P	253.1819	µg/l	8/14/2019 9:33:52	
500PPBCN	A	Total CN	P	498.3988	µg/l	8/14/2019 9:33:53	
ICV1	S	Total CN	P	96.0643	µg/l	8/14/2019 14:55:43	
ICB1	S	Total CN	P	-0.161	µg/l	8/14/2019 14:55:46	
CCV1	S	Total CN	P	245.771	µg/l	8/14/2019 14:55:47	
CCB1	S	Total CN	P	0.012	µg/l	8/14/2019 14:55:50	
PB122228BL	S	Total CN	P	0.0411	µg/l	8/14/2019 14:55:51	
PB122228BS	S	Total CN	P	97.9027	µg/l	8/14/2019 14:55:52	
LOWPB122228	S	Total CN	P	9.3707	µg/l	8/14/2019 14:55:53	
HIGHPB122228	S	Total CN	P	483.013	µg/l	8/14/2019 15:03:18	
K4088-01	S	Total CN	P	-0.0935	µg/l	8/14/2019 15:03:19	
K4089-01	S	Total CN	P	1.2771	µg/l	8/14/2019 15:03:20	
K4096-01	S	Total CN	P	0.201	µg/l	8/14/2019 15:03:21	
K4277-01	S	Total CN	P	0.3274	µg/l	8/14/2019 15:03:22	
K4277-01DUP	S	Total CN	P	0.4344	µg/l	8/14/2019 15:03:23	
K4277-01MS	S	Total CN	P	47.487	µg/l	8/14/2019 15:03:24	
CCV2	S	Total CN	P	247.2625	µg/l	8/14/2019 15:03:25	
CCB2	S	Total CN	P	0.5634	µg/l	8/14/2019 15:03:26	
K4277-01MSD	S	Total CN	P	47.5896	µg/l	8/14/2019 15:03:27	
K4277-05	S	Total CN	P	1.8744	µg/l	8/14/2019 15:03:28	
K4277-09	S	Total CN	P	-0.0869	µg/l	8/14/2019 15:10:53	
K4319-03	S	Total CN	P	0.3824	µg/l	8/14/2019 15:10:54	
K4319-04	S	Total CN	P	0.158	µg/l	8/14/2019 15:10:55	
K4319-05	S	Total CN	P	0.2797	µg/l	8/14/2019 15:10:56	
K4319-07	S	Total CN	P	-0.4779	µg/l	8/14/2019 15:10:57	
K4321-01	S	Total CN	P	0.2484	µg/l	8/14/2019 15:10:58	
K4321-03	S	Total CN	P	-0.129	µg/l	8/14/2019 15:10:59	
K4321-05	S	Total CN	P	2.1569	µg/l	8/14/2019 15:11:00	
CCV3	S	Total CN	P	244.8456	µg/l	8/14/2019 15:11:01	
CCB3	S	Total CN	P	0.2222	µg/l	8/14/2019 15:11:02	
PB122254BL	S	Total CN	P	0.1823	µg/l	8/14/2019 15:11:03	
PB122254BS	S	Total CN	P	96.6171	µg/l	8/14/2019 15:18:28	
LOWPB122254	S	Total CN	P	9.9131	µg/l	8/14/2019 15:18:29	
HIGHPB122254	S	Total CN	P	486.2874	µg/l	8/14/2019 15:18:30	
K4328-01	S	Total CN	P	-0.0507	µg/l	8/14/2019 15:18:31	
K4328-01DUP	S	Total CN	P	-0.2546	µg/l	8/14/2019 15:18:32	
K4328-01MS	S	Total CN	P	7.1007	µg/l	8/14/2019 15:18:33	

CT

K4328-01MSD	S	Total CN	P	8.9875 µg/l	8/14/2019 15:18:35
CCV4	S	Total CN	P	246.4809 µg/l	8/14/2019 15:18:37
CCB4	S	Total CN	P	0.4853 µg/l	8/14/2019 15:18:38
K4329-01	S	Total CN	P	1.6259 µg/l	8/14/2019 15:26:00
K4340-01	S	Total CN	P	-0.7512 µg/l	8/14/2019 15:26:01
K4340-03	S	Total CN	P	0.0081 µg/l	8/14/2019 15:26:02
PB122255BL	S	Total CN	P	0.0857 µg/l	8/14/2019 15:26:03
PB122255BS	S	Total CN	P	96.9722 µg/l	8/14/2019 15:26:04
K4329-03	S	Total CN	P	0.3176 µg/l	8/14/2019 15:26:05
K4329-03DUP	S	Total CN	P	0.3782 µg/l	8/14/2019 15:26:06
K4329-03MSD	S	Total CN	P	30.1784 µg/l	8/14/2019 15:26:09
CCV5	S	Total CN	P	243.2885 µg/l	8/14/2019 15:26:10
CCB5	S	Total CN	P	-0.0328 µg/l	8/14/2019 15:33:35
K4329-03MS	S	Total CN	P	30.0541 µg/l	8/14/2019 15:33:36
K4330-01	S	Total CN	P	0.1759 µg/l	8/14/2019 15:33:37
K4330-02	S	Total CN	P	-0.119 µg/l	8/14/2019 15:33:38
K4331-01	S	Total CN	P	-0.1945 µg/l	8/14/2019 15:33:39
K4331-02	S	Total CN	P	-0.2577 µg/l	8/14/2019 15:33:40
K4332-01	S	Total CN	P	-4.1622 µg/l	8/14/2019 15:33:41
K4332-02	S	Total CN	P	0.1615 µg/l	8/14/2019 15:33:42
K4333-01	S	Total CN	P	36.7184 µg/l	8/14/2019 15:33:43
CCV6	S	Total CN	P	246.8372 µg/l	8/14/2019 15:33:44
CCB6	S	Total CN	P	0.4857 µg/l	8/14/2019 15:33:45