

LB104463

Calibration results

Aquakem 7.2AQ1

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CHEMTECH

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

Instrument ID : Konelab

8/7/2019 8:02

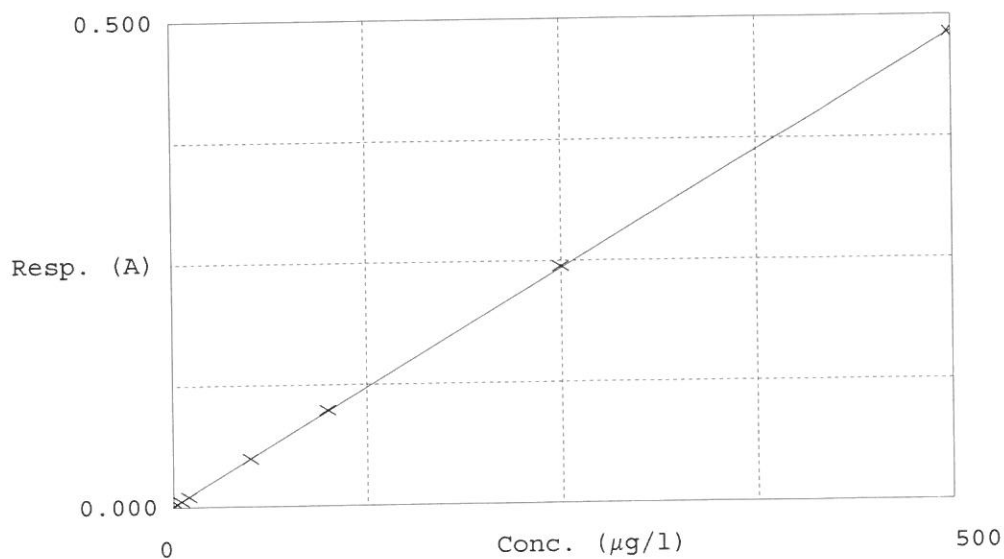
Test Total CN

Accepted 8/7/2019 8:02

Factor 1037
Bias 0.002

Coeff. of det. 0.999973

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.5787	0.0000	
2	5.0PPBCN	0.006	4.6620	5.0000	
3	10PPBCN	0.011	9.5915	10.0000	
4	50PPBCN	0.050	49.6960	50.0000	
5	100PPBCN	0.099	100.9118	100.0000	
6	250PPBCN	0.244	251.7157	250.0000	
7	500PPBCN	0.483	499.0017	500.0000	

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8/7/2019 11:39

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.191	0.0	0.094	
ICB1	-0.218	0.0	0.001	
CCV1	268.294	0.0	0.260	Blank resp. high
CCB1	-0.348	0.0	0.001	
PB122011BL	-0.255	0.0	0.001	
PB122011BS	97.094	0.0	0.095	
LOWPB122011	9.922	0.0	0.011	
HIGHPB122011	486.597	0.0	0.471	
K4154-01	0.761	0.0	0.002	
K4154-01DUP	0.228	0.0	0.002	
K4154-01MSD	7.640	0.0	0.009	
K4154-01MS	7.556	0.0	0.009	
CCV2	241.265	0.0	0.234	
CCB2	-0.342	0.0	0.001	
K4154-02	0.294	0.0	0.002	
K4154-03	0.744	0.0	0.002	
K4154-04	0.497	0.0	0.002	
K4154-05	0.080	0.0	0.002	
K4154-06	0.409	0.0	0.002	
K4154-07	0.155	0.0	0.002	
K4154-08	0.356	0.0	0.002	
K4154-09	3.155	0.0	0.005	
K4162-01	7.261	0.0	0.009	
CCV3	242.931	0.0	0.236	
CCB3	-0.036	0.0	0.002	
K4162-04	0.706	0.0	0.002	
K4164-01	7.274	0.0	0.009	
K4164-04	2.087	0.0	0.004	
K4164-04DUP	2.074	0.0	0.004	
K4164-04MS	37.463	0.0	0.038	
K4164-04MSD	36.963	0.0	0.037	
PB122023BL	-0.199	0.0	0.001	
K4142-01	0.278	0.0	0.002	
K4142-01DUP	0.360	0.0	0.002	
CCV4	242.131	0.0	0.235	
CCB4	-0.082	0.0	0.002	
K4142-01MSD	33.706	0.0	0.034	
K4142-01MS	33.727	0.0	0.034	
K4148-01	0.200	0.0	0.002	
K4148-01DUP	0.157	0.0	0.002	
K4148-01MSD	29.830	0.0	0.030	
K4148-01MS	29.988	0.0	0.031	
CCV5	243.161	0.0	0.236	
CCB5	0.017	0.0	0.002	
K4148-02	2.743	0.0	0.004	
K4148-03	1.950	0.0	0.003	
K4148-04	0.574	0.0	0.002	
K4148-05	-0.010	0.0	0.002	
K4148-06	0.348	0.0	0.002	
K4148-07	-0.201	0.0	0.001	
K4148-08	1.769	0.0	0.003	
K4148-09	0.341	0.0	0.002	
K4148-10	0.036	0.0	0.002	
K4148-11	0.613	0.0	0.002	
CCV6	244.087	0.0	0.237	

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Sample Id	Result	Dil. 1 +	Response	Errors

CCB6	0.060	0.0	0.002	
K4148-12	0.048	0.0	0.002	
K4090-01	0.590	0.0	0.002	
K4154-10	1.306	0.0	0.003	
PB122023BS	103.111	0.0	0.101	
CCV7	255.387	0.0	0.248	
CCB7	0.109	0.0	0.002	

N	62
Mean	44.886
SD	97.5206
CV%	217.26

Aquakem v. 7.2AQ1

Results from time period:

Wed Aug 07 10:11:52 2019

Wed Aug 07 11:21:51 2019

CT

Sample Id	Sam/Ctr/c	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.5787	µg/l	8/7/2019 7:57:46	
5.OPPBCN	A	Total CN	P	4.662	µg/l	8/7/2019 7:57:47	
10PPBCN	A	Total CN	P	9.5915	µg/l	8/7/2019 7:57:48	
50PPBCN	A	Total CN	P	49.696	µg/l	8/7/2019 7:57:49	
100PPBCN	A	Total CN	P	100.9118	µg/l	8/7/2019 7:57:50	
250PPBCN	A	Total CN	P	251.7157	µg/l	8/7/2019 7:57:51	
500PPBCN	A	Total CN	P	499.0017	µg/l	8/7/2019 7:57:52	
ICV1	S	Total CN	P	96.1907	µg/l	8/7/2019 10:11:52	
ICB1	S	Total CN	P	-0.218	µg/l	8/7/2019 10:11:53	
CCV1	S	Total CN	P	268.2945	µg/l	8/7/2019 10:11:54	
CCB1	S	Total CN	P	-0.3481	µg/l	8/7/2019 10:11:55	
PB122011BL	S	Total CN	P	-0.2555	µg/l	8/7/2019 10:11:56	
PB122011BS	S	Total CN	P	97.0938	µg/l	8/7/2019 10:11:57	
LOWPB122011	S	Total CN	P	9.9223	µg/l	8/7/2019 10:11:58	
HIGHPB122011	S	Total CN	P	486.5967	µg/l	8/7/2019 10:11:59	
K4154-01	S	Total CN	P	0.7608	µg/l	8/7/2019 10:12:00	
K4154-01DUP	S	Total CN	P	0.2278	µg/l	8/7/2019 10:12:01	
K4154-01MSD	S	Total CN	P	7.64	µg/l	8/7/2019 10:19:28	
K4154-01MS	S	Total CN	P	7.5558	µg/l	8/7/2019 10:19:29	
CCV2	S	Total CN	P	241.2649	µg/l	8/7/2019 10:19:30	
CCB2	S	Total CN	P	-0.3423	µg/l	8/7/2019 10:19:31	
K4154-02	S	Total CN	P	0.2939	µg/l	8/7/2019 10:19:32	
K4154-03	S	Total CN	P	0.7437	µg/l	8/7/2019 10:19:33	
K4154-04	S	Total CN	P	0.4969	µg/l	8/7/2019 10:19:34	
K4154-05	S	Total CN	P	0.0798	µg/l	8/7/2019 10:19:35	
K4154-06	S	Total CN	P	0.4092	µg/l	8/7/2019 10:19:36	
K4154-07	S	Total CN	P	0.1551	µg/l	8/7/2019 10:19:37	
K4154-08	S	Total CN	P	0.3558	µg/l	8/7/2019 10:27:02	
K4154-09	S	Total CN	P	3.155	µg/l	8/7/2019 10:27:03	
K4162-01	S	Total CN	P	7.2607	µg/l	8/7/2019 10:27:05	
CCV3	S	Total CN	P	242.9306	µg/l	8/7/2019 10:27:06	
CCB3	S	Total CN	P	-0.0355	µg/l	8/7/2019 10:27:07	
K4162-04	S	Total CN	P	0.7061	µg/l	8/7/2019 10:27:08	
K4164-01	S	Total CN	P	7.2739	µg/l	8/7/2019 10:27:09	
K4164-04	S	Total CN	P	2.0874	µg/l	8/7/2019 10:27:10	
K4164-04DUP	S	Total CN	P	2.0739	µg/l	8/7/2019 10:27:11	
K4164-04MS	S	Total CN	P	37.4625	µg/l	8/7/2019 10:27:12	
K4164-04MSD	S	Total CN	P	36.9634	µg/l	8/7/2019 10:34:38	
PB122023BL	S	Total CN	P	-0.1993	µg/l	8/7/2019 10:34:39	
K4142-01	S	Total CN	P	0.2776	µg/l	8/7/2019 10:34:41	
K4142-01DUP	S	Total CN	P	0.3595	µg/l	8/7/2019 10:34:42	
CCV4	S	Total CN	P	242.1311	µg/l	8/7/2019 10:34:43	

CX

CCB4	S	Total CN	P	-0.082 µg/l	8/7/2019 10:34:44
K4142-01MSD	S	Total CN	P	33.7062 µg/l	8/7/2019 10:34:47
K4142-01MS	S	Total CN	P	33.7265 µg/l	8/7/2019 10:34:48
K4148-01	S	Total CN	P	0.2002 µg/l	8/7/2019 10:42:13
K4148-01DUP	S	Total CN	P	0.1574 µg/l	8/7/2019 10:42:14
K4148-01MSD	S	Total CN	P	29.83 µg/l	8/7/2019 10:42:17
K4148-01MS	S	Total CN	P	29.988 µg/l	8/7/2019 10:42:18
CCV5	S	Total CN	P	243.1608 µg/l	8/7/2019 10:42:19
CCB5	S	Total CN	P	0.0174 µg/l	8/7/2019 10:42:20
K4148-02	S	Total CN	P	2.7427 µg/l	8/7/2019 10:42:21
K4148-03	S	Total CN	P	1.95 µg/l	8/7/2019 10:42:22
K4148-04	S	Total CN	P	0.5744 µg/l	8/7/2019 10:42:23
K4148-05	S	Total CN	P	-0.0104 µg/l	8/7/2019 10:49:45
K4148-06	S	Total CN	P	0.3479 µg/l	8/7/2019 10:49:46
K4148-07	S	Total CN	P	-0.201 µg/l	8/7/2019 10:49:47
K4148-08	S	Total CN	P	1.7688 µg/l	8/7/2019 10:49:48
K4148-09	S	Total CN	P	0.3415 µg/l	8/7/2019 10:49:49
K4148-10	S	Total CN	P	0.0357 µg/l	8/7/2019 10:49:50
K4148-11	S	Total CN	P	0.6125 µg/l	8/7/2019 10:49:51
CCV6	S	Total CN	P	244.0866 µg/l	8/7/2019 10:49:52
CCB6	S	Total CN	P	0.0595 µg/l	8/7/2019 10:49:53
K4148-12	S	Total CN	P	0.0479 µg/l	8/7/2019 10:49:54
K4090-01	S	Total CN	P	0.5905 µg/l	8/7/2019 10:49:55
K4154-10	S	Total CN	P	1.3058 µg/l	8/7/2019 11:05:37
PB122023BS	S	Total CN	P	103.1111 µg/l	8/7/2019 11:06:54
CCV7	S	Total CN	P	255.3872 µg/l	8/7/2019 11:21:50
CCB7	S	Total CN	P	0.1086 µg/l	8/7/2019 11:21:51