

LB104085

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Calibration results

Aquakem 7.2AQ1

Page: 1

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

Instrument ID : Konelab

7/19/2019 8:10

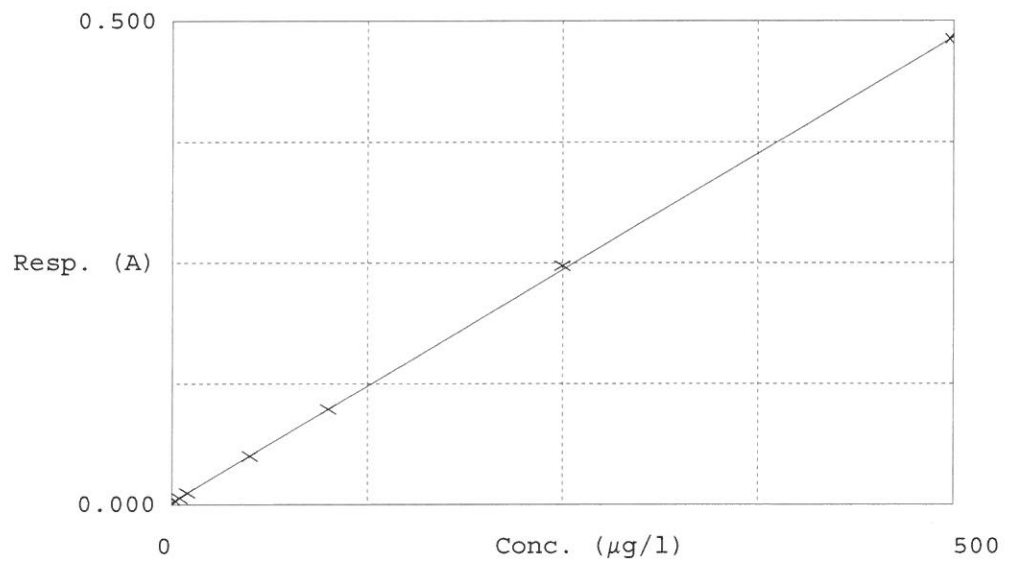
Test Total CN

Accepted 7/19/2019 8:10

Factor 1040
Bias 0.003

Coeff. of det. 0.999879

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.002	-0.8240	0.0000	
2	5.0PPBCN	0.007	4.2592	5.0000	
3	10PPBCN	0.012	9.8100	10.0000	
4	50PPBCN	0.050	49.4874	50.0000	
5	100PPBCN	0.099	100.0456	100.0000	
6	250PPBCN	0.247	254.3369	250.0000	
7	500PPBCN	0.481	497.8849	500.0000	

CHEMTECH

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7/19/2019 10:48

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.404	0.0	0.094	Blank resp. high
ICB1	-0.280	0.0	0.002	
CCV1	245.743	0.0	0.239	
CCB1	-0.214	0.0	0.002	
PB121453BL	-0.120	0.0	0.002	
PB121453BS	98.682	0.0	0.097	
LOWPB121453	10.231	0.0	0.012	
HIGHPB121453	491.780	0.0	0.475	
K3838-03	1.774	0.0	0.004	
K3838-03DUP	1.331	0.0	0.004	
K3838-03MS	39.837	0.0	0.041	
PB121454BL	-0.417	0.0	0.002	
PB121454BS	97.214	0.0	0.096	
CCV2	245.977	0.0	0.239	
CCB2	-0.441	0.0	0.002	
K3838-01	-0.206	0.0	0.002	
K3838-01DUP	-0.334	0.0	0.002	
K3838-01MS	36.205	0.0	0.037	
K3840-01	3.938	0.0	0.006	
K3840-03	3.235	0.0	0.006	
K3852-01	0.014	0.0	0.003	
K3852-02	0.662	0.0	0.003	
K3852-03	1.061	0.0	0.004	
PB121489BL	-0.248	0.0	0.002	
CCV3	246.847	0.0	0.240	
CCB3	-0.022	0.0	0.003	
PB121489BS	97.695	0.0	0.096	
LOW121489	10.224	0.0	0.012	
HIGH121489	498.352	0.0	0.482	
K3835-01	4.815	0.0	0.007	
K3835-01DUP	4.390	0.0	0.007	
K3835-01MS	36.194	0.0	0.037	
K3835-01MSD	36.546	0.0	0.038	
K3835-03	0.273	0.0	0.003	
K3835-05	8.938	0.0	0.011	
K3835-07	0.178	0.0	0.003	
CCV4	249.523	0.0	0.242	
CCB4	-0.207	0.0	0.002	
K3835-09	-0.276	0.0	0.002	
K3835-23	1.454	0.0	0.004	
K3835-27	-0.026	0.0	0.003	
K3835-29	3.377	0.0	0.006	
K3835-31	1.066	0.0	0.004	
K3835-43	0.172	0.0	0.003	
K3835-45	0.384	0.0	0.003	
PB121501BL	-0.311	0.0	0.002	
PB121501BS	98.043	0.0	0.097	
K3615-01	0.502	0.0	0.003	
CCV5	248.562	0.0	0.242	
CCB5	-0.075	0.0	0.002	
K3615-01DUP	0.454	0.0	0.003	
K3615-01MS	34.044	0.0	0.035	
K3615-01MSD	33.549	0.0	0.035	
K3615-03	-0.262	0.0	0.002	
K3615-05	-0.273	0.0	0.002	

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
K3618-05	1.497	0.0	0.004	
K3866-01	2.395	0.0	0.005	
K3868-05	0.253	0.0	0.003	
K3868-07	-0.009	0.0	0.003	
K3868-09	0.436	0.0	0.003	
CCV6	250.756	0.0	0.244	
CCB6	-0.072	0.0	0.002	
K3868-11	0.071	0.0	0.003	
PB121502BL	-0.269	0.0	0.002	
K3838-01MSD	35.221	0.0	0.036	
K3835-01MSD	36.199	0.0	0.037	
PB121502BS	97.239	0.0	0.096	
K3857-01	1.669	0.0	0.004	
K3857-01DUP	1.712	0.0	0.004	
K3857-01MS	35.380	0.0	0.037	
K3857-01MSD	35.366	0.0	0.037	
CCV7	244.855	0.0	0.238	
CCB7	0.243	0.0	0.003	

N 73
Mean 51.067
SD 105.3244
CV% 206.25

CT
07/19/19
1C3838-03MSD
AP
8/17/11

CT

Aquakem v. 7.2AQ1

Results from time period:

Fri Jul 19 08:07:43 2019

Fri Jul 19 10:44:11 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	-0.824	µg/l	7/19/2019 8:07:43	
5.OPPBCN	A	Total CN	P	4.2592	µg/l	7/19/2019 8:07:44	
10PPBCN	A	Total CN	P	9.81	µg/l	7/19/2019 8:07:45	
50PPBCN	A	Total CN	P	49.4874	µg/l	7/19/2019 8:07:46	
100PPBCN	A	Total CN	P	100.0456	µg/l	7/19/2019 8:07:47	
250PPBCN	A	Total CN	P	254.3369	µg/l	7/19/2019 8:07:48	
500PPBCN	A	Total CN	P	497.8849	µg/l	7/19/2019 8:07:49	
ICV1	S	Total CN	P	95.4038	µg/l	7/19/2019 9:55:56	
ICB1	S	Total CN	P	-0.2797	µg/l	7/19/2019 9:55:57	
CCV1	S	Total CN	P	245.7432	µg/l	7/19/2019 9:55:58	
CCB1	S	Total CN	P	-0.2143	µg/l	7/19/2019 9:55:59	
PB121453BL	S	Total CN	P	-0.1203	µg/l	7/19/2019 9:56:00	
PB121453BS	S	Total CN	P	98.6819	µg/l	7/19/2019 9:56:01	
LOWPB121453	S	Total CN	P	10.2309	µg/l	7/19/2019 9:56:02	
HIGHPB121453	S	Total CN	P	491.7798	µg/l	7/19/2019 9:56:03	
K3838-03	S	Total CN	P	1.7745	µg/l	7/19/2019 9:56:04	
K3838-03DUP	S	Total CN	P	1.3308	µg/l	7/19/2019 9:56:05	
K3838-03MS	S	Total CN	P	39.8373	µg/l	7/19/2019 9:56:06	
PB121454BL	S	Total CN	P	-0.4169	µg/l	7/19/2019 10:03:32	
PB121454BS	S	Total CN	P	97.2139	µg/l	7/19/2019 10:03:33	
CCV2	S	Total CN	P	245.9774	µg/l	7/19/2019 10:03:34	
CCB2	S	Total CN	P	-0.4407	µg/l	7/19/2019 10:03:35	
K3838-01	S	Total CN	P	-0.206	µg/l	7/19/2019 10:03:36	
K3838-01DUP	S	Total CN	P	-0.3336	µg/l	7/19/2019 10:03:37	
K3838-01MS	S	Total CN	P	36.2048	µg/l	7/19/2019 10:03:38	
K3840-01	S	Total CN	P	3.9377	µg/l	7/19/2019 10:03:40	
K3840-03	S	Total CN	P	3.2353	µg/l	7/19/2019 10:03:41	
K3852-01	S	Total CN	P	0.0144	µg/l	7/19/2019 10:11:06	
K3852-02	S	Total CN	P	0.6624	µg/l	7/19/2019 10:11:07	
K3852-03	S	Total CN	P	1.0611	µg/l	7/19/2019 10:11:08	
PB121489BL	S	Total CN	P	-0.2476	µg/l	7/19/2019 10:11:09	
CCV3	S	Total CN	P	246.8468	µg/l	7/19/2019 10:11:10	
CCB3	S	Total CN	P	-0.0224	µg/l	7/19/2019 10:11:11	
PB121489BS	S	Total CN	P	97.6952	µg/l	7/19/2019 10:11:12	
LOW121489	S	Total CN	P	10.2239	µg/l	7/19/2019 10:11:13	
HIGH121489	S	Total CN	P	498.3516	µg/l	7/19/2019 10:11:14	
K3835-01	S	Total CN	P	4.8154	µg/l	7/19/2019 10:11:15	
K3835-01DUP	S	Total CN	P	4.3903	µg/l	7/19/2019 10:11:16	
K3835-01MS	S	Total CN	P	36.1942	µg/l	7/19/2019 10:18:41	
K3835-01MSD	S	Total CN	P	36.5459	µg/l	7/19/2019 10:18:42	
K3835-03	S	Total CN	P	0.2727	µg/l	7/19/2019 10:18:43	
K3835-05	S	Total CN	P	8.9377	µg/l	7/19/2019 10:18:44	

K3835-07	S	Total CN	P	0.1784 µg/l	7/19/2019 10:18:45
CCV4	S	Total CN	P	249.5232 µg/l	7/19/2019 10:18:46
CCB4	S	Total CN	P	-0.2074 µg/l	7/19/2019 10:18:47
K3835-09	S	Total CN	P	-0.2764 µg/l	7/19/2019 10:18:48
K3835-23	S	Total CN	P	1.4537 µg/l	7/19/2019 10:18:49
K3835-27	S	Total CN	P	-0.0264 µg/l	7/19/2019 10:18:50
K3835-29	S	Total CN	P	3.3766 µg/l	7/19/2019 10:18:51
K3835-31	S	Total CN	P	1.0658 µg/l	7/19/2019 10:26:16
K3835-43	S	Total CN	P	0.1715 µg/l	7/19/2019 10:26:17
K3835-45	S	Total CN	P	0.3842 µg/l	7/19/2019 10:26:18
PB121501BL	S	Total CN	P	-0.3107 µg/l	7/19/2019 10:26:19
PB121501BS	S	Total CN	P	98.0426 µg/l	7/19/2019 10:26:20
K3615-01	S	Total CN	P	0.502 µg/l	7/19/2019 10:26:21
CCV5	S	Total CN	P	248.5624 µg/l	7/19/2019 10:26:22
CCB5	S	Total CN	P	-0.0754 µg/l	7/19/2019 10:26:23
K3615-01DUP	S	Total CN	P	0.4539 µg/l	7/19/2019 10:26:24
K3615-01MS	S	Total CN	P	34.0441 µg/l	7/19/2019 10:26:25
K3615-01MSD	S	Total CN	P	33.5489 µg/l	7/19/2019 10:26:26
K3615-03	S	Total CN	P	-0.2621 µg/l	7/19/2019 10:33:48
K3615-05	S	Total CN	P	-0.2728 µg/l	7/19/2019 10:33:49
K3618-05	S	Total CN	P	1.4975 µg/l	7/19/2019 10:33:50
K3866-01	S	Total CN	P	2.395 µg/l	7/19/2019 10:33:51
K3868-05	S	Total CN	P	0.253 µg/l	7/19/2019 10:33:52
K3868-07	S	Total CN	P	-0.009 µg/l	7/19/2019 10:33:53
K3868-09	S	Total CN	P	0.4361 µg/l	7/19/2019 10:33:54
CCV6	S	Total CN	P	250.7558 µg/l	7/19/2019 10:33:55
CCB6	S	Total CN	P	-0.0721 µg/l	7/19/2019 10:33:56
K3868-11	S	Total CN	P	0.0708 µg/l	7/19/2019 10:33:57
PB121502BL	S	Total CN	P	-0.2689 µg/l	7/19/2019 10:33:58
K3838-01MSD	S	Total CN	P	35.2213 µg/l	7/19/2019 10:41:23
K3838-03MSD	S	Total CN	P	36.1994 µg/l	7/19/2019 10:41:24
PB121502BS	S	Total CN	P	97.2394 µg/l	7/19/2019 10:41:25
K3857-01	S	Total CN	P	1.6688 µg/l	7/19/2019 10:41:26
K3857-01DUP	S	Total CN	P	1.7119 µg/l	7/19/2019 10:41:27
K3857-01MS	S	Total CN	P	35.3799 µg/l	7/19/2019 10:41:28
K3857-01MSD	S	Total CN	P	35.3656 µg/l	7/19/2019 10:41:29
CCV7	S	Total CN	P	244.8548 µg/l	7/19/2019 10:41:30
CCB7	S	Total CN	P	0.243 µg/l	7/19/2019 10:41:32