

LB104509

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

8/9/2019 8:16

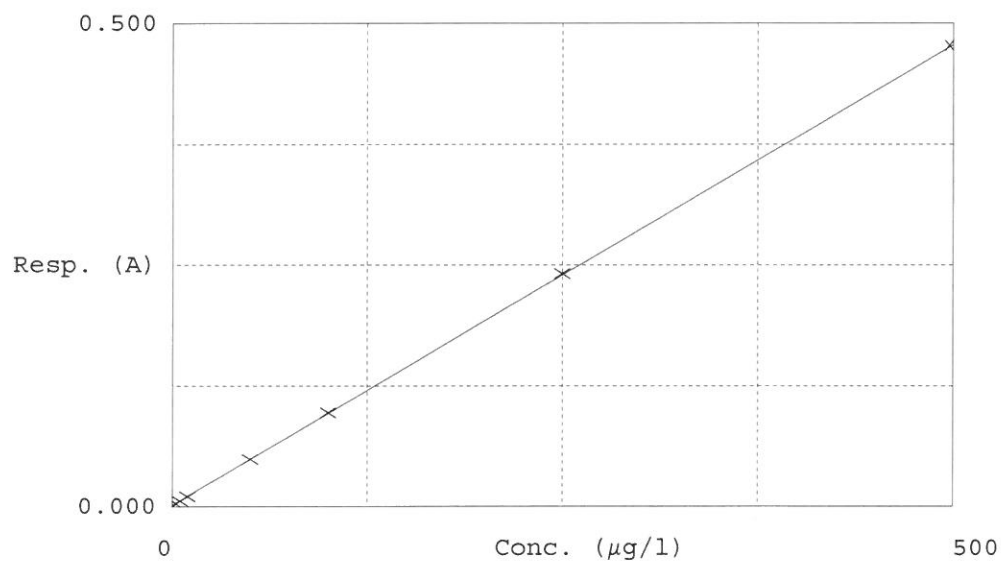
Test Total CN

Accepted 8/9/2019 8:16

Factor 1049
Bias 0.001

Coeff. of det. 0.999981

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.4691	0.0000	
2	5.0PPBCN	0.006	4.5676	5.0000	
3	10PPBCN	0.010	9.5058	10.0000	
4	50PPBCN	0.049	50.0290	50.0000	
5	100PPBCN	0.097	100.8504	100.0000	
6	250PPBCN	0.241	251.3501	250.0000	
7	500PPBCN	0.477	499.1662	500.0000	

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8/9/2019 11:48

Test: Total CN *ug/L*

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	96.586	0.0	0.093	
ICB1	0.054	0.0	0.001	
CCV1	243.768	0.0	0.234	
CCB1	-0.091	0.0	0.001	
PB122042BL	-0.073	0.0	0.001	
PB122042BS	96.847	0.0	0.094	
LOWPB122042	9.869	0.0	0.011	
HIGHPB122042	478.694	0.0	0.458	
K4178-01	13.800	0.0	0.015	
K4178-01DUP	14.102	0.0	0.015	
K4178-01MS	61.624	0.0	0.060	
K4178-01MSD	61.698	0.0	0.060	
CCV2	244.771	0.0	0.235	
CCB2	0.373	0.0	0.002	
K4192-02	9.591	0.0	0.010	
K4192-04	6.381	0.0	0.007	
PB122077BL	0.194	0.0	0.002	
PB122077BS	96.272	0.0	0.093	
LOWPB122077	9.861	0.0	0.011	
HIGHPB122077	481.379	0.0	0.460	
K3613-01	0.322	0.0	0.002	
K3613-01DUP	0.366	0.0	0.002	
K3613-01MS	27.149	0.0	0.027	
K3613-01MSD	27.198	0.0	0.027	
CCV3	241.941	0.0	0.232	
CCB3	0.214	0.0	0.002	
K3613-03	1.000	0.0	0.002	
K3613-05	2.404	0.0	0.004	
K4092-01	5.029	0.0	0.006	
K4092-03	0.712	0.0	0.002	
K4092-05	0.407	0.0	0.002	
K4200-01	0.260	0.0	0.002	
K4219-01	2.207	0.0	0.003	
K4219-03	0.786	0.0	0.002	
K4219-05	0.290	0.0	0.002	
K4219-07	1.033	0.0	0.002	
CCV4	240.836	0.0	0.231	
CCB4	0.406	0.0	0.002	
PB122087BL	-0.137	0.0	0.001	
PB122087BS	96.074	0.0	0.093	
K4223-01	1.643	0.0	0.003	
K4223-01DUP	1.566	0.0	0.003	
K4223-01MS	39.494	0.0	0.039	
K4223-01MSD	39.018	0.0	0.039	
K4223-03	0.580	0.0	0.002	
K4223-05	7.553	0.0	0.009	
K4223-07	4.499	0.0	0.006	
K4223-09	0.494	0.0	0.002	
CCV5	238.467	0.0	0.229	
CCB5	0.194	0.0	0.002	
K4223-11	0.457	0.0	0.002	
K4223-13	1.782	0.0	0.003	
K4223-15	1.424	0.0	0.003	
K4223-17	1.052	0.0	0.002	
K4223-19	2.320	0.0	0.004	

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Sample Id	Result	Dil. 1 +	Response	Errors
K4223-23	8.395	0.0	0.009	
K4223-25	1.785	0.0	0.003	
K4223-27	1.189	0.0	0.002	
K4223-29	1.387	0.0	0.003	
K4223-21	0.719	0.0	0.002	
CCV6	258.613	0.0	0.248	
CCB6	0.244	0.0	0.002	

N	62
Mean	51.404
SD	107.6548
CV%	209.43

Aquakem v. 7.2AQ1

Results from time period:

Fri Aug 09 10:37:54 2019

Fri Aug 09 11:46:22 2019

CT

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.4691	µg/l	8/9/2019 8:11:18	
5.0PPBCN	A	Total CN	P	4.5676	µg/l	8/9/2019 8:11:19	
10PPBCN	A	Total CN	P	9.5058	µg/l	8/9/2019 8:11:20	
50PPBCN	A	Total CN	P	50.029	µg/l	8/9/2019 8:11:21	
100PPBCN	A	Total CN	P	100.8504	µg/l	8/9/2019 8:11:22	
250PPBCN	A	Total CN	P	251.3501	µg/l	8/9/2019 8:11:23	
500PPBCN	A	Total CN	P	499.1662	µg/l	8/9/2019 8:11:24	
ICV1	S	Total CN	P	96.5862	µg/l	8/9/2019 10:37:54	
ICB1	S	Total CN	P	0.0539	µg/l	8/9/2019 10:37:57	
CCV1	S	Total CN	P	243.7683	µg/l	8/9/2019 10:37:58	
CCB1	S	Total CN	P	-0.0912	µg/l	8/9/2019 10:38:01	
PB122042BL	S	Total CN	P	-0.0725	µg/l	8/9/2019 10:38:02	
PB122042BS	S	Total CN	P	96.8475	µg/l	8/9/2019 10:38:03	
LOWPB122042	S	Total CN	P	9.8689	µg/l	8/9/2019 10:38:04	
HIGHPB122042	S	Total CN	P	478.6944	µg/l	8/9/2019 10:45:29	
K4178-01	S	Total CN	P	13.8004	µg/l	8/9/2019 10:45:30	
K4178-01DUP	S	Total CN	P	14.1017	µg/l	8/9/2019 10:45:31	
K4178-01MS	S	Total CN	P	61.6237	µg/l	8/9/2019 10:45:32	
K4178-01MSD	S	Total CN	P	61.6983	µg/l	8/9/2019 10:45:33	
CCV2	S	Total CN	P	244.7707	µg/l	8/9/2019 10:45:36	
CCB2	S	Total CN	P	0.3728	µg/l	8/9/2019 10:45:37	
K4192-02	S	Total CN	P	9.5907	µg/l	8/9/2019 10:45:38	
K4192-04	S	Total CN	P	6.3813	µg/l	8/9/2019 10:45:39	
PB122077BL	S	Total CN	P	0.1939	µg/l	8/9/2019 10:53:04	
PB122077BS	S	Total CN	P	96.2721	µg/l	8/9/2019 10:53:05	
LOWPB122077	S	Total CN	P	9.8605	µg/l	8/9/2019 10:53:06	
HIGHPB122077	S	Total CN	P	481.3785	µg/l	8/9/2019 10:53:07	
K3613-01	S	Total CN	P	0.3221	µg/l	8/9/2019 10:53:08	
K3613-01DUP	S	Total CN	P	0.3662	µg/l	8/9/2019 10:53:09	
K3613-01MS	S	Total CN	P	27.1493	µg/l	8/9/2019 10:53:10	
K3613-01MSD	S	Total CN	P	27.1983	µg/l	8/9/2019 10:53:11	
CCV3	S	Total CN	P	241.9408	µg/l	8/9/2019 10:53:12	
CCB3	S	Total CN	P	0.2136	µg/l	8/9/2019 10:53:13	
K3613-03	S	Total CN	P	0.9997	µg/l	8/9/2019 10:53:14	
K3613-05	S	Total CN	P	2.4037	µg/l	8/9/2019 11:00:39	
K4092-01	S	Total CN	P	5.0286	µg/l	8/9/2019 11:00:40	
K4092-03	S	Total CN	P	0.7124	µg/l	8/9/2019 11:00:41	
K4092-05	S	Total CN	P	0.4074	µg/l	8/9/2019 11:00:42	
K4200-01	S	Total CN	P	0.26	µg/l	8/9/2019 11:00:43	
K4219-01	S	Total CN	P	2.2067	µg/l	8/9/2019 11:00:44	
K4219-03	S	Total CN	P	0.7863	µg/l	8/9/2019 11:00:45	
K4219-05	S	Total CN	P	0.2904	µg/l	8/9/2019 11:00:46	

C⁺

K4219-07	S	Total CN	P	1.0332 µg/l	8/9/2019 11:00:47
CCV4	S	Total CN	P	240.836 µg/l	8/9/2019 11:00:48
CCB4	S	Total CN	P	0.4063 µg/l	8/9/2019 11:00:49
PB122087BL	S	Total CN	P	-0.1372 µg/l	8/9/2019 11:08:11
PB122087BS	S	Total CN	P	96.0743 µg/l	8/9/2019 11:08:12
K4223-01	S	Total CN	P	1.6435 µg/l	8/9/2019 11:08:13
K4223-01DUP	S	Total CN	P	1.5657 µg/l	8/9/2019 11:08:14
K4223-01MS	S	Total CN	P	39.4942 µg/l	8/9/2019 11:08:15
K4223-01MSD	S	Total CN	P	39.0177 µg/l	8/9/2019 11:08:16
K4223-03	S	Total CN	P	0.5799 µg/l	8/9/2019 11:08:17
K4223-05	S	Total CN	P	7.5531 µg/l	8/9/2019 11:08:18
K4223-07	S	Total CN	P	4.4992 µg/l	8/9/2019 11:08:19
K4223-09	S	Total CN	P	0.4941 µg/l	8/9/2019 11:08:20
CCV5	S	Total CN	P	238.4667 µg/l	8/9/2019 11:08:21
CCB5	S	Total CN	P	0.1935 µg/l	8/9/2019 11:15:46
K4223-11	S	Total CN	P	0.4566 µg/l	8/9/2019 11:15:47
K4223-13	S	Total CN	P	1.7816 µg/l	8/9/2019 11:15:48
K4223-15	S	Total CN	P	1.4242 µg/l	8/9/2019 11:15:49
K4223-17	S	Total CN	P	1.0524 µg/l	8/9/2019 11:15:50
K4223-19	S	Total CN	P	2.3198 µg/l	8/9/2019 11:15:51
K4223-23	S	Total CN	P	8.395 µg/l	8/9/2019 11:15:53
K4223-25	S	Total CN	P	1.7853 µg/l	8/9/2019 11:15:54
K4223-27	S	Total CN	P	1.1891 µg/l	8/9/2019 11:15:55
K4223-29	S	Total CN	P	1.3874 µg/l	8/9/2019 11:15:56
K4223-21	S	Total CN	P	0.7186 µg/l	8/9/2019 11:46:20
CCV6	S	Total CN	P	258.6125 µg/l	8/9/2019 11:46:21
CCB6	S	Total CN	P	0.244 µg/l	8/9/2019 11:46:22