

~~LB110340~~ LB110349

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

8/3/2020 13:23

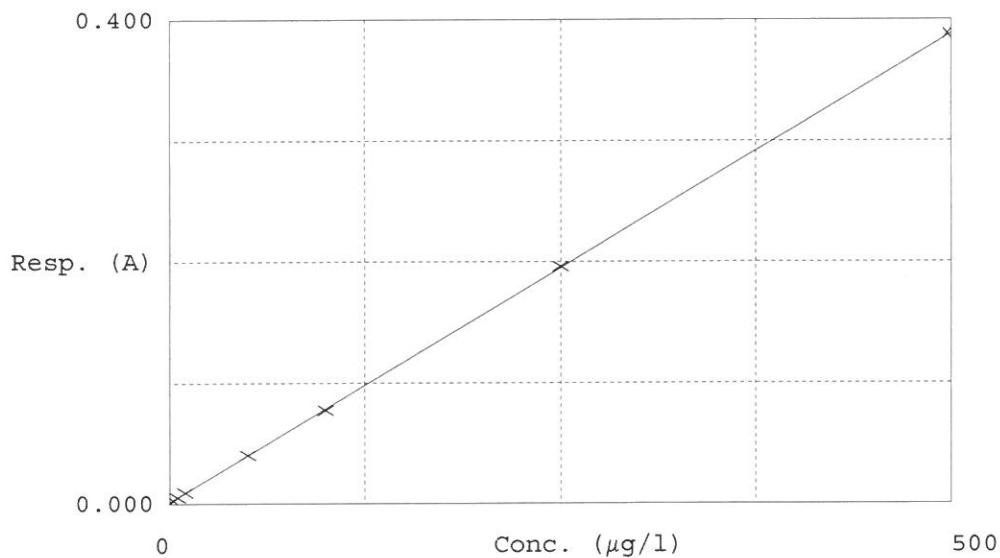
Test Total CN

Accepted 8/3/2020 13:23

Factor 1291
Bias 0.001

Coeff. of det. 0.999976

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.001	-0.1236	0.0000	
2	5.0PPBCN	0.005	5.3143	5.0000	
3	10PPBCN	0.009	10.3557	10.0000	
4	50PPBCN	0.040	50.1798	50.0000	
5	100PPBCN	0.077	98.3063	100.0000	
6	250PPBCN	0.196	251.3140	250.0000	
7	500PPBCN	0.388	499.6535	500.0000	

Aquakem v. 7.2AQ1

Results from time period:

Mon Aug 03 16:30:46 2020

Mon Aug 03 17:07:50 2020

Sample Id	Sam/Ctr/c/	Test short nan	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.1236	µg/l	8/3/2020 13:19:23	
5.0PPBCN	A	Total CN	P	5.3143	µg/l	8/3/2020 13:19:24	
10PPBCN	A	Total CN	P	10.3557	µg/l	8/3/2020 13:19:25	
50PPBCN	A	Total CN	P	50.1798	µg/l	8/3/2020 13:19:26	
100PPBCN	A	Total CN	P	98.3063	µg/l	8/3/2020 13:19:27	
250PPBCN	A	Total CN	P	251.314	µg/l	8/3/2020 13:19:28	
500PPBCN	A	Total CN	P	499.6535	µg/l	8/3/2020 13:19:29	
ICV1	S	Total CN	P	96.553	µg/l	8/3/2020 16:30:47	
ICB1	S	Total CN	P	1.1154	µg/l	8/3/2020 16:30:48	
CCV1	S	Total CN	P	244.7025	µg/l	8/3/2020 16:30:51	
CCB1	S	Total CN	P	1.5566	µg/l	8/3/2020 16:30:52	
LOWPB130629	S	Total CN	P	10.9575	µg/l	8/3/2020 16:30:54	
HIGHPB130629	S	Total CN	P	491.1101	µg/l	8/3/2020 16:30:55	
PB130660BL	S	Total CN	P	1.9073	µg/l	8/3/2020 16:30:56	
PB130660BS	S	Total CN	P	92.6996	µg/l	8/3/2020 16:38:21	
L3507-01	S	Total CN	P	1.2455	µg/l	8/3/2020 16:38:22	
L3507-01DUP	S	Total CN	P	1.4087	µg/l	8/3/2020 16:38:23	
L3507-01MS	S	Total CN	P	39.3352	µg/l	8/3/2020 16:38:24	
L3507-01MSD	S	Total CN	P	40.2472	µg/l	8/3/2020 16:38:25	
L3511-02	S	Total CN	P	1.2763	µg/l	8/3/2020 16:38:26	
L3511-07	S	Total CN	P	1.2445	µg/l	8/3/2020 16:38:27	
CCV2	S	Total CN	P	246.0709	µg/l	8/3/2020 16:38:28	
CCB2	S	Total CN	P	1.8804	µg/l	8/3/2020 16:38:29	
L3511-12	S	Total CN	P	1.0477	µg/l	8/3/2020 16:38:30	
L3511-17	S	Total CN	P	0.8347	µg/l	8/3/2020 16:38:31	
L3518-02	S	Total CN	P	0.6296	µg/l	8/3/2020 16:45:56	
L3518- 07	S	Total CN	P	0.6143	µg/l	8/3/2020 16:45:57	
L3518- 12	S	Total CN	P	1.0594	µg/l	8/3/2020 16:45:58	
L3518-17	S	Total CN	P	1.108	µg/l	8/3/2020 16:45:59	
L3518-22	S	Total CN	P	0.816	µg/l	8/3/2020 16:46:00	
LOWPB130660	S	Total CN	P	11.1055	µg/l	8/3/2020 16:46:01	
HIGHPB130660	S	Total CN	P	498.0615	µg/l	8/3/2020 16:46:02	
PB130701BL	S	Total CN	P	1.2842	µg/l	8/3/2020 16:46:03	
CCV3	S	Total CN	P	249.2726	µg/l	8/3/2020 16:46:04	
CCB3	S	Total CN	P	1.6351	µg/l	8/3/2020 16:46:05	
PB130701BS	S	Total CN	P	97.0166	µg/l	8/3/2020 16:46:06	
LOWPB130701	S	Total CN	P	11.027	µg/l	8/3/2020 16:53:31	
HIGHPB130701	S	Total CN	P	495.1228	µg/l	8/3/2020 16:53:32	
L3518-27	S	Total CN	P	0.7157	µg/l	8/3/2020 16:53:33	
L3518-27DUP	S	Total CN	P	0.5986	µg/l	8/3/2020 16:53:34	
L3518-27MS	S	Total CN	P	39.495	µg/l	8/3/2020 16:53:35	
L3518-27MSD	S	Total CN	P	39.5978	µg/l	8/3/2020 16:53:36	

L3518-32	S	Total CN	P	1.7313 µg/l	8/3/2020 16:53:37
L3518-37	S	Total CN	P	1.0044 µg/l	8/3/2020 16:53:38
L3518-42	S	Total CN	P	1.5179 µg/l	8/3/2020 16:53:39
CCV4	S	Total CN	P	247.6031 µg/l	8/3/2020 16:53:40
CCB4	S	Total CN	P	1.14 µg/l	8/3/2020 16:53:41
L3518-47	S	Total CN	P	1.221 µg/l	8/3/2020 17:01:03
L3521-03	S	Total CN	P	2.1001 µg/l	8/3/2020 17:01:04
L3521-07	S	Total CN	P	1.1176 µg/l	8/3/2020 17:01:05
L3525-01	S	Total CN	P	1.8251 µg/l	8/3/2020 17:01:06
L3535-01	S	Total CN	P	2.0777 µg/l	8/3/2020 17:01:07
L3535-02	S	Total CN	P	1.1459 µg/l	8/3/2020 17:01:08
L3535-03	S	Total CN	P	1.5206 µg/l	8/3/2020 17:01:09
L3535-04	S	Total CN	P	2.0311 µg/l	8/3/2020 17:01:10
PB130702BL	S	Total CN	P	0.9806 µg/l	8/3/2020 17:01:11
PB130702BS	S	Total CN	P	97.3979 µg/l	8/3/2020 17:01:12
CCV5	S	Total CN	P	246.6603 µg/l	8/3/2020 17:01:13
CCB5	S	Total CN	P	0.6428 µg/l	8/3/2020 17:07:42
L3523-01	S	Total CN	P	1.0955 µg/l	8/3/2020 17:07:43
L3523-02	S	Total CN	P	15.4711 µg/l	8/3/2020 17:07:44
L3523-02DUP	S	Total CN	P	15.7154 µg/l	8/3/2020 17:07:45
L3523-02MS	S	Total CN	P	34.9103 µg/l	8/3/2020 17:07:46
L3523-02MSD	S	Total CN	P	35.1663 µg/l	8/3/2020 17:07:47
L3537-04	S	Total CN	P	5.4055 µg/l	8/3/2020 17:07:48
CCV6	S	Total CN	P	248.1278 µg/l	8/3/2020 17:07:49
CCB6	S	Total CN	P	0.8405 µg/l	8/3/2020 17:07:50

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8/3/2020 17:19

Test: Total CN

Sample Id	Result ^{ug/L}	Dil. 1 +	Response	Errors
ICV1	96.553	0.0	0.076	
ICB1	1.115	0.0	0.002	
CCV1	244.703	0.0	0.191	
CCB1	1.557	0.0	0.003	
LOWPB130629	10.957	0.0	0.010	
HIGHPB130629	491.110	0.0	0.382	
PB130660BL	1.907	0.0	0.003	
PB130660BS	92.700	0.0	0.073	
L3507-01	1.245	0.0	0.002	
L3507-01DUP	1.409	0.0	0.002	
L3507-01MS	39.335	0.0	0.032	
L3507-01MSD	40.247	0.0	0.033	
L3511-02	1.276	0.0	0.002	
L3511-07	1.245	0.0	0.002	
CCV2	246.071	0.0	0.192	
CCB2	1.880	0.0	0.003	
L3511-12	1.048	0.0	0.002	
L3511-17	0.835	0.0	0.002	
L3518-02	0.630	0.0	0.002	
L3518- 07	0.614	0.0	0.002	
L3518- 12	1.059	0.0	0.002	
L3518-17	1.108	0.0	0.002	
L3518-22	0.816	0.0	0.002	
LOWPB130660	11.105	0.0	0.010	
HIGHPB130660	498.061	0.0	0.387	
PB130701BL	1.284	0.0	0.002	
CCV3	249.273	0.0	0.194	
CCB3	1.635	0.0	0.003	
PB130701BS	97.017	0.0	0.077	
LOWPB130701	11.027	0.0	0.010	
HIGHPB130701	495.123	0.0	0.385	
L3518-27	0.716	0.0	0.002	
L3518-27DUP	0.599	0.0	0.002	
L3518-27MS	39.495	0.0	0.032	
L3518-27MSD	39.598	0.0	0.032	
L3518-32	1.731	0.0	0.003	
L3518-37	1.004	0.0	0.002	
L3518-42	1.518	0.0	0.003	
CCV4	247.603	0.0	0.193	
CCB4	1.140	0.0	0.002	
L3518-47	1.221	0.0	0.002	
L3521-03	2.100	0.0	0.003	
L3521-07	1.118	0.0	0.002	
L3525-01	1.825	0.0	0.003	
L3535-01	2.078	0.0	0.003	
L3535-02	1.146	0.0	0.002	
L3535-03	1.521	0.0	0.003	
L3535-04	2.031	0.0	0.003	
PB130702BL	0.981	0.0	0.002	
PB130702BS	97.398	0.0	0.077	
CCV5	246.660	0.0	0.192	
CCB5	0.643	0.0	0.002	
L3523-01	1.096	0.0	0.002	
L3523-02	15.471	0.0	0.013	
L3523-02DUP	15.715	0.0	0.014	

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Test results

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Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
L3523-02MS	34.910	0.0	0.028	
L3523-02MSD	35.166	0.0	0.029	
L3537-04	5.406	0.0	0.006	
CCV6	248.128	0.0	0.194	
CCB6	0.841	0.0	0.002	

N	60
Mean	61.547
SD	124.8668
CV%	202.88