

LB107002

Test results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

1/2/2020 12:38

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	95.911	0.0	0.097	
ICB1	-0.033	0.0	0.003	
CCV1	246.926	0.0	0.246	
CCB1	-0.420	0.0	0.003	
PB125825BL	-0.702	0.0	0.002	
PB125825BL	-0.547	0.0	0.003	
PB125825BS	100.363	0.0	0.102	
LOWPB125825	9.956	0.0	0.013	
HIGHPB125825	501.088	0.0	0.496	Test limit high
K6465-01	1.765	0.0	0.005	
K6465-01DUP	0.668	0.0	0.004	
K6465-01MS	27.662	0.0	0.030	
K6465-01MSD	27.809	0.0	0.030	
K6465-02	-0.218	0.0	0.003	
K6465-03	-0.026	0.0	0.003	
CCV2	245.688	0.0	0.245	
CCB2	-0.627	0.0	0.002	
K6465-05	-0.043	0.0	0.003	
K6465-06	-0.622	0.0	0.002	
K6465-07	-0.438	0.0	0.003	
K6465-08	0.018	0.0	0.003	
K6465-09	-1.141	0.0	0.002	
PB125826BL	-0.866	0.0	0.002	
PB125826BS	98.519	0.0	0.100	
K6464-03	2.535	0.0	0.006	
K6464-03DUP	2.653	0.0	0.006	
CCV3	247.103	0.0	0.246	
CCB3	-0.736	0.0	0.002	
K6464-04MS	20.339	0.0	0.023	
K6464-05MSD	20.154	0.0	0.023	
K6464-06	-0.461	0.0	0.003	
K6464-07	-0.457	0.0	0.003	
K6464-08	-1.107	0.0	0.002	
PB125834BL	-0.805	0.0	0.002	
PB125834BS	96.805	0.0	0.098	
K6463-01	0.121	0.0	0.003	
K6463-01DUP	-0.084	0.0	0.003	
K6463-01MS	29.261	0.0	0.032	
CCV4	246.298	0.0	0.246	
CCB4	-0.777	0.0	0.002	
K6463-01MSD	29.621	0.0	0.032	
K6463-02	0.189	0.0	0.003	
K6463-03	-0.355	0.0	0.003	
K6463-04	-0.619	0.0	0.002	
K6464-01	2.680	0.0	0.006	
K6464-02	0.563	0.0	0.004	
K6472-06	-0.086	0.0	0.003	
K6474-01	-0.393	0.0	0.003	
K6474-03	-0.448	0.0	0.003	
K6479-04	1.150	0.0	0.004	
CCV5	249.848	0.0	0.249	
CCB5	-0.423	0.0	0.003	
PB125833BL	-0.630	0.0	0.002	
PB125833BS	97.446	0.0	0.099	
K6471-02	0.724	0.0	0.004	

AU 01-02-2020

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Reviewed by : AK

Instrument ID : Konelab

1/2/2020 12:38

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
K6471-02DUP	0.875	0.0	0.004	
K6471-02MS	23.894	0.0	0.027	
K6471-02MSD	24.043	0.0	0.027	
K6471-04	12.133	0.0	0.015	
K6471-06	-0.584	0.0	0.002	
K6471-10	1.213	0.0	0.004	
CCV6	249.628	0.0	0.249	
CCB6	-0.358	0.0	0.003	
K6471-12	2.992	0.0	0.006	
K6471-14	0.317	0.0	0.003	
K6471-15	1.104	0.0	0.004	
K6471-08	-0.094	0.0	0.003	
K6465-04	-0.754	0.0	0.002	
CCV7	253.150	0.0	0.252	
CCB7	-0.798	0.0	0.002	

N	70
Mean	42.251
SD	94.1316
CV%	222.79

Aquakem v. 7.2AQ1

Results from time period:

Thu Jan 02 09:59:30 2020

Thu Jan 02 12:15:37 2020

AK

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-0.309	µg/l	1/2/2020 9:59:30	
5.0PPBCN	A	Total CN	P	4.4378	µg/l	1/2/2020 9:59:31	
10PPBCN	A	Total CN	P	9.7627	µg/l	1/2/2020 9:59:32	
50PPBCN	A	Total CN	P	50.3017	µg/l	1/2/2020 9:59:33	
100PPBCN	A	Total CN	P	99.7551	µg/l	1/2/2020 9:59:34	
250PPBCN	A	Total CN	P	252.045	µg/l	1/2/2020 9:59:35	
500PPBCN	A	Total CN	P	499.0067	µg/l	1/2/2020 9:59:36	
ICV1	S	Total CN	P	95.911	µg/l	1/2/2020 11:10:02	
ICB1	S	Total CN	P	-0.0334	µg/l	1/2/2020 11:10:03	
CCV1	S	Total CN	P	246.9264	µg/l	1/2/2020 11:10:04	
CCB1	S	Total CN	P	-0.4202	µg/l	1/2/2020 11:10:05	
PB125825BL	S	Total CN	P	-0.547	µg/l	1/2/2020 11:10:07	
PB125825BS	S	Total CN	P	100.363	µg/l	1/2/2020 11:10:08	
LOWPB125825	S	Total CN	P	9.9559	µg/l	1/2/2020 11:10:09	
HIGHPB125825	S	Total CN	P	501.0883	µg/l	1/2/2020 11:10:10	
K6465-01	S	Total CN	P	1.765	µg/l	1/2/2020 11:10:11	
K6465-01DUP	S	Total CN	P	0.6685	µg/l	1/2/2020 11:10:12	
K6465-01MS	S	Total CN	P	27.6624	µg/l	1/2/2020 11:17:37	
K6465-01MSD	S	Total CN	P	27.8087	µg/l	1/2/2020 11:17:38	
K6465-02	S	Total CN	P	-0.2185	µg/l	1/2/2020 11:17:39	
K6465-03	S	Total CN	P	-0.0261	µg/l	1/2/2020 11:17:40	
CCV2	S	Total CN	P	245.6876	µg/l	1/2/2020 11:17:41	
CCB2	S	Total CN	P	-0.6272	µg/l	1/2/2020 11:17:43	
K6465-05	S	Total CN	P	-0.0431	µg/l	1/2/2020 11:17:44	
K6465-06	S	Total CN	P	-0.622	µg/l	1/2/2020 11:17:45	
K6465-07	S	Total CN	P	-0.4381	µg/l	1/2/2020 11:17:46	
K6465-08	S	Total CN	P	0.0184	µg/l	1/2/2020 11:17:47	
K6465-09	S	Total CN	P	-1.1407	µg/l	1/2/2020 11:25:12	
PB125826BL	S	Total CN	P	-0.8662	µg/l	1/2/2020 11:25:13	
PB125826BS	S	Total CN	P	98.5194	µg/l	1/2/2020 11:25:14	
K6464-03	S	Total CN	P	2.5349	µg/l	1/2/2020 11:25:15	
K6464-03DUP	S	Total CN	P	2.6526	µg/l	1/2/2020 11:25:16	
CCV3	S	Total CN	P	247.1029	µg/l	1/2/2020 11:25:17	
CCB3	S	Total CN	P	-0.7362	µg/l	1/2/2020 11:25:18	
K6464-04MS	S	Total CN	P	20.3389	µg/l	1/2/2020 11:25:19	
K6464-05MSD	S	Total CN	P	20.1541	µg/l	1/2/2020 11:25:20	
K6464-06	S	Total CN	P	-0.4615	µg/l	1/2/2020 11:25:21	
K6464-07	S	Total CN	P	-0.4571	µg/l	1/2/2020 11:25:22	
K6464-08	S	Total CN	P	-1.107	µg/l	1/2/2020 11:32:47	
PB125834BL	S	Total CN	P	-0.8048	µg/l	1/2/2020 11:32:48	
PB125834BS	S	Total CN	P	96.8052	µg/l	1/2/2020 11:32:49	
K6463-01	S	Total CN	P	0.121	µg/l	1/2/2020 11:32:50	

K6463-01DUP	S	Total CN	P	-0.0836 µg/l	1/2/2020 11:32:51
K6463-01MS	S	Total CN	P	29.261 µg/l	1/2/2020 11:32:52
CCV4	S	Total CN	P	246.2976 µg/l	1/2/2020 11:32:53
CCB4	S	Total CN	P	-0.7766 µg/l	1/2/2020 11:32:54
K6463-01MSD	S	Total CN	P	29.6207 µg/l	1/2/2020 11:32:55
K6463-02	S	Total CN	P	0.1895 µg/l	1/2/2020 11:32:56
K6463-03	S	Total CN	P	-0.3546 µg/l	1/2/2020 11:32:57
K6463-04	S	Total CN	P	-0.6189 µg/l	1/2/2020 11:40:21
K6464-01	S	Total CN	P	2.6796 µg/l	1/2/2020 11:40:22
K6464-02	S	Total CN	P	0.5635 µg/l	1/2/2020 11:40:23
K6472-06	S	Total CN	P	-0.0864 µg/l	1/2/2020 11:40:24
K6474-01	S	Total CN	P	-0.3931 µg/l	1/2/2020 11:40:25
K6474-03	S	Total CN	P	-0.4479 µg/l	1/2/2020 11:40:26
K6479-04	S	Total CN	P	1.1496 µg/l	1/2/2020 11:40:27
CCV5	S	Total CN	P	249.8477 µg/l	1/2/2020 11:40:28
CCB5	S	Total CN	P	-0.4226 µg/l	1/2/2020 11:40:29
PB125833BL	S	Total CN	P	-0.6297 µg/l	1/2/2020 11:40:30
PB125833BS	S	Total CN	P	97.446 µg/l	1/2/2020 11:40:31
K6471-02	S	Total CN	P	0.7241 µg/l	1/2/2020 11:47:54
K6471-02DUP	S	Total CN	P	0.8746 µg/l	1/2/2020 11:47:55
K6471-02MS	S	Total CN	P	23.8945 µg/l	1/2/2020 11:47:56
K6471-02MSD	S	Total CN	P	24.0428 µg/l	1/2/2020 11:47:57
K6471-04	S	Total CN	P	12.1331 µg/l	1/2/2020 11:47:58
K6471-06	S	Total CN	P	-0.5836 µg/l	1/2/2020 11:47:59
K6471-10	S	Total CN	P	1.2132 µg/l	1/2/2020 11:48:01
CCV6	S	Total CN	P	249.6283 µg/l	1/2/2020 11:48:02
CCB6	S	Total CN	P	-0.3581 µg/l	1/2/2020 11:48:03
K6471-12	S	Total CN	P	2.9918 µg/l	1/2/2020 11:48:04
K6471-14	S	Total CN	P	0.3169 µg/l	1/2/2020 11:52:13
K6471-15	S	Total CN	P	1.1043 µg/l	1/2/2020 11:52:14
K6471-08	S	Total CN	P	-0.0935 µg/l	1/2/2020 12:15:34
K6465-04	S	Total CN	P	-0.7543 µg/l	1/2/2020 12:15:35
CCV7	S	Total CN	P	253.1502 µg/l	1/2/2020 12:15:36
CCB7	S	Total CN	P	-0.7985 µg/l	1/2/2020 12:15:37

LB107002

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

1/2/2020 10:05

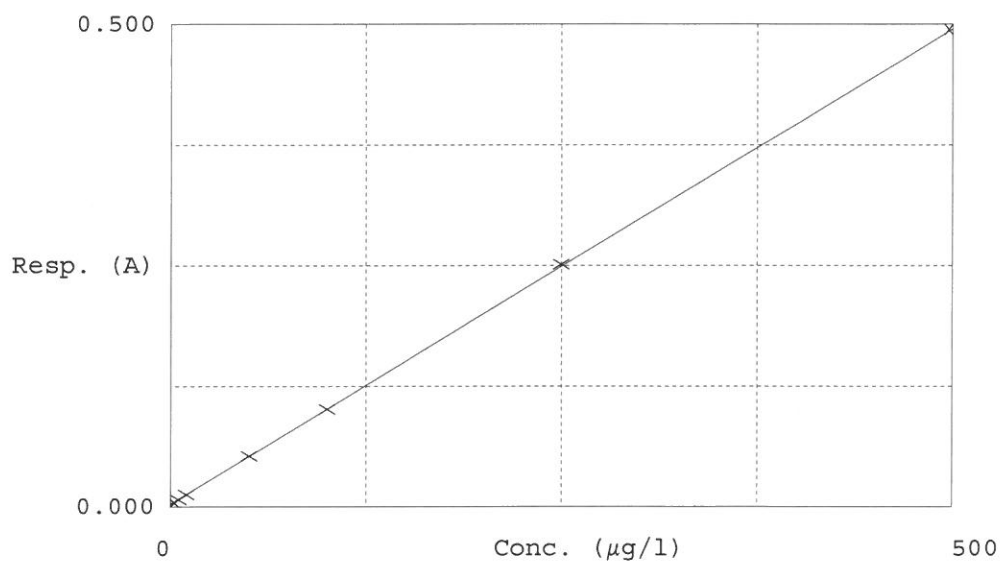
Test Total CN

Accepted 1/2/2020 10:05

Factor 1016
Bias 0.003

Coeff. of det. 0.999972

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.003	-0.3090	0.0000	
2	5.0PPBCN	0.007	4.4378	5.0000	
3	10PPBCN	0.013	9.7627	10.0000	
4	50PPBCN	0.053	50.3017	50.0000	
5	100PPBCN	0.101	99.7551	100.0000	
6	250PPBCN	0.251	252.0450	250.0000	
7	500PPBCN	0.494	499.0067	500.0000	