

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

Instrument ID : Konelab

3/5/2019 7:37

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	97.975	0.0	0.094	
ICB1	-0.565	0.0	0.004	
CCV1	247.096	0.0	0.229	
CCB1	-0.649	0.0	0.004	
PB117565BL	-0.882	0.0	0.004	
PB117565BS	99.873	0.0	0.095	
LOWPB117565	9.334	0.0	0.013	
HIGHPB117565	487.904	0.0	0.447	
K1712-05	0.242	0.0	0.005	
K1712-05DUP	-0.128	0.0	0.005	
K1712-05MS	35.301	0.0	0.037	
K1712-05MSD	35.504	0.0	0.037	
K1712-11	-0.219	0.0	0.005	
K1712-15	12.527	0.0	0.016	
CCV2	248.997	0.0	0.230	
CCB2	-0.679	0.0	0.004	
K1712-19	-0.361	0.0	0.004	
K1715-03	-0.622	0.0	0.004	
K1715-07	-0.674	0.0	0.004	
K1715-11	-0.349	0.0	0.005	
PB117566BL	-0.895	0.0	0.004	
PB117566BS	99.827	0.0	0.095	
K1700-01	2.954	0.0	0.007	
K1700-01DUP	2.895	0.0	0.007	
K1700-01MS	30.210	0.0	0.032	
K1700-01MSD	30.405	0.0	0.032	
CCV3	248.499	0.0	0.230	
CCB3	-0.651	0.0	0.004	
K1715-13	0.751	0.0	0.005	
PB117564BL	-0.603	0.0	0.004	
PB117564BS	99.962	0.0	0.095	
K1670-01	-0.361	0.0	0.004	
K1670-01DUP	-0.648	0.0	0.004	
K1670-03	-0.374	0.0	0.004	
K1671-01	-0.892	0.0	0.004	
K1672-01	-0.309	0.0	0.005	
CCV4	243.236	0.0	0.225	
CCB4	-0.962	0.0	0.004	
K1707-01	-0.845	0.0	0.004	
K1707-03	-1.096	0.0	0.004	
K1707-05	-0.619	0.0	0.004	
PB117558BL	-0.974	0.0	0.004	
PB117558BS	94.767	0.0	0.091	
K1688-01	0.137	0.0	0.005	
K1688-01DUP	0.637	0.0	0.005	
K1688-01MS	41.788	0.0	0.043	
K1688-01MSD	41.513	0.0	0.042	
K1688-03	1.745	0.0	0.006	
CCV5	243.686	0.0	0.225	
CCB5	0.271	0.0	0.005	
K1688-05	1.718	0.0	0.006	
K1688-07	6.711	0.0	0.011	
K1688-09	0.627	0.0	0.005	
K1688-11	1.105	0.0	0.006	
K1688-13	1.182	0.0	0.006	

Test results

Aquakem 7.2AQ1

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K1688-15	0.779	0.0	0.006	
K1688-17	0.089	0.0	0.005	
K1688-19	1.056	0.0	0.006	
K1672-03	-0.294	0.0	0.005	
K1712-07	-0.132	0.0	0.005	
CCV6	245.545	0.0	0.227	
CCB6	-0.109	0.0	0.005	
K1670-01MS	41.747	0.0	0.043	
K1670-01MSD	42.893	0.0	0.044	
CCV7	254.354	0.0	0.235	
CCB7	-0.918	0.0	0.004	

N	66
Mean	46.061
SD	94.9982
CV%	206.24

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Aquakem v. 7.2AQ1

Results from time period:

Mon Mar 04 16:21:35 2019

Mon Mar 04 17:17:42 2019

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.0PPBCN	A	Total CN	P	-1.0969	µg/l	3/4/2019 14:00:14	
5.0PPBCN	A	Total CN	P	4.5187	µg/l	3/4/2019 14:00:15	
10PPBCN	A	Total CN	P	9.3911	µg/l	3/4/2019 14:00:16	
50PPBCN	A	Total CN	P	49.3914	µg/l	3/4/2019 14:00:17	
100PPBCN	A	Total CN	P	100.1584	µg/l	3/4/2019 14:00:18	
250PPBCN	A	Total CN	P	255.1824	µg/l	3/4/2019 14:00:19	
500PPBCN	A	Total CN	P	497.4549	µg/l	3/4/2019 14:00:20	
ICV1	S	Total CN	P	97.9752	µg/l	3/4/2019 16:21:35	
ICB1	S	Total CN	P	-0.5653	µg/l	3/4/2019 16:21:36	
CCV1	S	Total CN	P	247.0958	µg/l	3/4/2019 16:21:37	
CCB1	S	Total CN	P	-0.6486	µg/l	3/4/2019 16:21:38	
PB117565BL	S	Total CN	P	-0.8818	µg/l	3/4/2019 16:21:39	
PB117565BS	S	Total CN	P	99.8727	µg/l	3/4/2019 16:21:40	
LOWPB117565	S	Total CN	P	9.3343	µg/l	3/4/2019 16:21:41	
HIGHPB117565	S	Total CN	P	487.9043	µg/l	3/4/2019 16:21:42	
K1712-05	S	Total CN	P	0.2424	µg/l	3/4/2019 16:21:43	
K1712-05DUP	S	Total CN	P	-0.1284	µg/l	3/4/2019 16:21:44	
K1712-05MS	S	Total CN	P	35.3013	µg/l	3/4/2019 16:21:45	
K1712-05MSD	S	Total CN	P	35.5041	µg/l	3/4/2019 16:29:10	
K1712-11	S	Total CN	P	-0.2189	µg/l	3/4/2019 16:29:11	
K1712-15	S	Total CN	P	12.5273	µg/l	3/4/2019 16:29:12	
CCV2	S	Total CN	P	248.9968	µg/l	3/4/2019 16:29:13	
CCB2	S	Total CN	P	-0.6791	µg/l	3/4/2019 16:29:14	
K1712-19	S	Total CN	P	-0.3611	µg/l	3/4/2019 16:29:15	
K1715-03	S	Total CN	P	-0.6221	µg/l	3/4/2019 16:29:16	
K1715-07	S	Total CN	P	-0.674	µg/l	3/4/2019 16:29:17	
K1715-11	S	Total CN	P	-0.3492	µg/l	3/4/2019 16:29:18	
PB117566BL	S	Total CN	P	-0.895	µg/l	3/4/2019 16:29:19	
PB117566BS	S	Total CN	P	99.8266	µg/l	3/4/2019 16:29:20	
K1700-01	S	Total CN	P	2.954	µg/l	3/4/2019 16:36:44	
K1700-01DUP	S	Total CN	P	2.8952	µg/l	3/4/2019 16:36:45	
K1700-01MS	S	Total CN	P	30.2096	µg/l	3/4/2019 16:36:46	
K1700-01MSD	S	Total CN	P	30.4047	µg/l	3/4/2019 16:36:47	
CCV3	S	Total CN	P	248.4988	µg/l	3/4/2019 16:36:48	
CCB3	S	Total CN	P	-0.6511	µg/l	3/4/2019 16:36:49	
K1715-13	S	Total CN	P	0.7505	µg/l	3/4/2019 16:36:50	
PB117564BL	S	Total CN	P	-0.6033	µg/l	3/4/2019 16:36:51	
PB117564BS	S	Total CN	P	99.9622	µg/l	3/4/2019 16:36:52	
K1670-01	S	Total CN	P	-0.3606	µg/l	3/4/2019 16:36:53	
K1670-01DUP	S	Total CN	P	-0.6482	µg/l	3/4/2019 16:36:54	
K1670-03	S	Total CN	P	-0.3743	µg/l	3/4/2019 16:44:22	
K1671-01	S	Total CN	P	-0.8919	µg/l	3/4/2019 16:44:23	

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K1672-01	S	Total CN	P	-0.3092 µg/l	3/4/2019 16:44:24
CCV4	S	Total CN	P	243.2363 µg/l	3/4/2019 16:44:25
CCB4	S	Total CN	P	-0.9622 µg/l	3/4/2019 16:44:26
K1707-01	S	Total CN	P	-0.8447 µg/l	3/4/2019 16:44:27
K1707-03	S	Total CN	P	-1.0962 µg/l	3/4/2019 16:44:28
K1707-05	S	Total CN	P	-0.6193 µg/l	3/4/2019 16:44:29
PB117558BL	S	Total CN	P	-0.9735 µg/l	3/4/2019 16:44:30
PB117558BS	S	Total CN	P	94.7673 µg/l	3/4/2019 16:51:52
K1688-01	S	Total CN	P	0.1369 µg/l	3/4/2019 16:51:53
K1688-01DUP	S	Total CN	P	0.637 µg/l	3/4/2019 16:51:54
K1688-01MS	S	Total CN	P	41.7878 µg/l	3/4/2019 16:51:55
K1688-01MSD	S	Total CN	P	41.5126 µg/l	3/4/2019 16:51:56
K1688-03	S	Total CN	P	1.7448 µg/l	3/4/2019 16:51:57
CCV5	S	Total CN	P	243.6855 µg/l	3/4/2019 16:51:58
CCB5	S	Total CN	P	0.2714 µg/l	3/4/2019 16:51:59
K1688-05	S	Total CN	P	1.7182 µg/l	3/4/2019 16:52:00
K1688-07	S	Total CN	P	6.7109 µg/l	3/4/2019 16:52:01
K1688-09	S	Total CN	P	0.627 µg/l	3/4/2019 16:52:02
K1688-11	S	Total CN	P	1.1049 µg/l	3/4/2019 16:59:27
K1688-13	S	Total CN	P	1.1821 µg/l	3/4/2019 16:59:28
K1688-15	S	Total CN	P	0.7786 µg/l	3/4/2019 16:59:29
K1688-17	S	Total CN	P	0.089 µg/l	3/4/2019 16:59:30
K1688-19	S	Total CN	P	1.0562 µg/l	3/4/2019 16:59:31
K1672-03	S	Total CN	P	-0.2939 µg/l	3/4/2019 16:59:32
K1712-07	S	Total CN	P	-0.132 µg/l	3/4/2019 16:59:33
CCV6	S	Total CN	P	245.5445 µg/l	3/4/2019 16:59:34
CCB6	S	Total CN	P	-0.1091 µg/l	3/4/2019 16:59:35
K1670-01MS	S	Total CN	P	41.7474 µg/l	3/4/2019 17:17:39
K1670-01MSD	S	Total CN	P	42.8933 µg/l	3/4/2019 17:17:40
CCV7	S	Total CN	P	254.3538 µg/l	3/4/2019 17:17:41
CCB7	S	Total CN	P	-0.9176 µg/l	3/4/2019 17:17:42

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3/4/2019 14:00

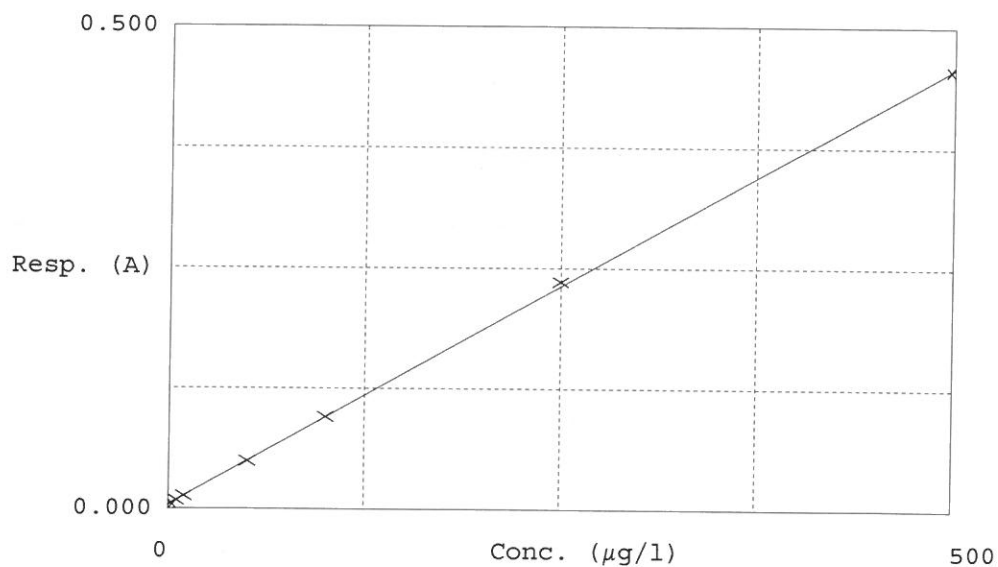
Test Total CN

Accepted 3/4/2019 14:00

Factor 1104
Bias 0.005

Coeff. of det. 0.999827

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.0PPBCN	0.004	-1.0969	0.0000	
2	5.0PPBCN	0.009	4.5187	5.0000	
3	10PPBCN	0.013	9.3911	10.0000	
4	50PPBCN	0.050	49.3914	50.0000	
5	100PPBCN	0.096	100.1584	100.0000	
6	250PPBCN	0.236	255.1824	250.0000	
7	500PPBCN	0.455	497.4549	500.0000	