

LB113889

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AM Instrument ID : Konelab

4/8/2021 17:54

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	93.831	0.0	0.086	
ICB1	0.991	0.0	0.000	
CCV1	253.052	0.0	0.233	
CCB1	0.915	0.0	0.000	
PB135577BL	0.981	0.0	0.000	
PB135577BS	96.031	0.0	0.088	
LOWPB135577	9.817	0.0	0.009	
HIGHPB135577	459.316	0.0	0.424	
M1946-01	29.278	0.0	0.027	
M1946-02	50.255	0.0	0.046	
M1946-03	15.555	0.0	0.014	
M1946-03DUP	15.270	0.0	0.014	
M1946-04MS	40.397	0.0	0.037	
M1946-05MSD	41.051	0.0	0.037	
CCV2	246.331	0.0	0.227	
CCB2	0.929	0.0	0.000	
M1946-06	20.872	0.0	0.019	
M1951-01	4.993	0.0	0.004	
M1951-01DUP	5.330	0.0	0.004	
M1951-02MS	35.684	0.0	0.032	
M1951-03MSD	35.756	0.0	0.033	
M1951-04	1.900	0.0	0.001	
M1951-05	2.074	0.0	0.001	
M1964-01	10.468	0.0	0.009	
PB135609BL	0.853	0.0	0.000	
PB135609BS	98.858	0.0	0.091	
CCV3	251.087	0.0	0.231	
CCB3	1.901	0.0	0.001	
M1947-01	1.197	0.0	0.001	
M1947-02	1.037	0.0	0.000	
M1947-03	1.287	0.0	0.001	
M1947-07	1.382	0.0	0.001	
M1963-01	1.532	0.0	0.001	
M1963-01DUP	1.618	0.0	0.001	
M1963-01MS	22.768	0.0	0.021	
M1963-01MSD	22.556	0.0	0.020	
M1963-03	3.045	0.0	0.002	
M1963-05	5.118	0.0	0.004	
CCV4	255.077	0.0	0.235	
CCB4	1.026	0.0	0.000	
M1963-07	1.354	0.0	0.001	
M1967-12	2.058	0.0	0.001	
PB135616BS	94.823	0.0	0.087	
LOWPB135616	9.654	0.0	0.008	
HIGHPB135616	468.554	0.0	0.432	
M1966-01	32.632	0.0	0.030	
M1966-02	7.169	0.0	0.006	
M1966-03	46.686	0.0	0.043	
M1966-04	24.115	0.0	0.022	
CCV5	241.242	0.0	0.222	
CCB5	1.448	0.0	0.001	
M1966-05	7.817	0.0	0.007	
M1966-05DUP	7.332	0.0	0.006	
M1966-08	1.301	0.0	0.001	
M1967-13	5.142	0.0	0.004	

Low/High recoveries

→ 98% (90-110)
→ 94% (90-110)

04/08/2021
AM

→ 97% (90-110)
→ 94% (90-110)

04/08/2021
AM

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4/8/2021 17:54

Test: Total CN

Sample Id	Result	Dil. 1 +	Response	Errors
M1972-02	1.572	0.0	0.001	
PB135616BL	0.659	0.0	0.000	
M1966-06MS	25.833	0.0	0.023	
M1966-07MSD	25.558	0.0	0.023	
CCV6	248.853	0.0	0.229	
CCB6	0.924	0.0	0.000	

N	61
Mean	55.675
SD	105.5250
CV%	189.54

Aquakem v. 7.2AQ1

Results from time period:

Thu Apr 08 14:12:36 2021

Thu Apr 08 17:34:44 2021

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time	Stat
0.OPPBCN	A	Total CN	P	0.471	µg/l	4/8/2021 14:12:36	
5.OPPBCN	A	Total CN	P	5.2397	µg/l	4/8/2021 14:12:37	
10PPBCN	A	Total CN	P	10.4158	µg/l	4/8/2021 14:12:38	
50PPBCN	A	Total CN	P	49.4884	µg/l	4/8/2021 14:12:39	
100PPBCN	A	Total CN	P	101.0176	µg/l	4/8/2021 14:12:40	
250PPBCN	A	Total CN	P	247.0611	µg/l	4/8/2021 14:12:41	
500PPBCN	A	Total CN	P	501.3064	µg/l	4/8/2021 14:12:42	
ICV1	S	Total CN	P	93.8308	µg/l	4/8/2021 15:46:15	
ICB1	S	Total CN	P	0.9913	µg/l	4/8/2021 15:46:16	
CCV1	S	Total CN	P	253.0518	µg/l	4/8/2021 15:46:18	
CCB1	S	Total CN	P	0.9154	µg/l	4/8/2021 15:46:20	
PB135577BL	S	Total CN	P	0.9814	µg/l	4/8/2021 15:46:22	
PB135577BS	S	Total CN	P	96.0315	µg/l	4/8/2021 15:46:23	
LOWPB135577	S	Total CN	P	9.8169	µg/l	4/8/2021 16:01:24	
HIGHPB135577	S	Total CN	P	459.3158	µg/l	4/8/2021 16:01:25	
M1946-01	S	Total CN	P	29.2776	µg/l	4/8/2021 16:01:26	
M1946-02	S	Total CN	P	50.2548	µg/l	4/8/2021 16:01:27	
M1946-03	S	Total CN	P	15.5553	µg/l	4/8/2021 16:01:28	
M1946-03DUP	S	Total CN	P	15.27	µg/l	4/8/2021 16:01:29	
M1946-04MS	S	Total CN	P	40.3972	µg/l	4/8/2021 16:04:44	
M1946-05MSD	S	Total CN	P	41.0509	µg/l	4/8/2021 16:04:45	
CCV2	S	Total CN	P	246.3309	µg/l	4/8/2021 16:18:42	
CCB2	S	Total CN	P	0.9288	µg/l	4/8/2021 16:18:43	
M1946-06	S	Total CN	P	20.8716	µg/l	4/8/2021 16:25:44	
M1951-01	S	Total CN	P	4.9927	µg/l	4/8/2021 16:25:45	
M1951-01DUP	S	Total CN	P	5.3304	µg/l	4/8/2021 16:25:46	
M1951-02MS	S	Total CN	P	35.6838	µg/l	4/8/2021 16:25:49	
M1951-03MSD	S	Total CN	P	35.7556	µg/l	4/8/2021 16:25:50	
M1951-04	S	Total CN	P	1.9002	µg/l	4/8/2021 16:25:51	
M1951-05	S	Total CN	P	2.074	µg/l	4/8/2021 16:25:52	
M1964-01	S	Total CN	P	10.4683	µg/l	4/8/2021 16:25:53	
PB135609BL	S	Total CN	P	0.853	µg/l	4/8/2021 16:30:03	
PB135609BS	S	Total CN	P	98.8578	µg/l	4/8/2021 16:30:04	
CCV3	S	Total CN	P	251.0868	µg/l	4/8/2021 16:30:05	
CCB3	S	Total CN	P	1.9012	µg/l	4/8/2021 16:30:06	
M1947-01	S	Total CN	P	1.1965	µg/l	4/8/2021 16:41:32	
M1947-02	S	Total CN	P	1.0367	µg/l	4/8/2021 16:41:33	
M1947-03	S	Total CN	P	1.2871	µg/l	4/8/2021 16:41:34	
M1947-07	S	Total CN	P	1.3818	µg/l	4/8/2021 16:41:35	
M1963-01	S	Total CN	P	1.5317	µg/l	4/8/2021 16:46:44	
M1963-01DUP	S	Total CN	P	1.6184	µg/l	4/8/2021 16:46:45	
M1963-01MS	S	Total CN	P	22.7683	µg/l	4/8/2021 16:46:46	

CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : AM

Instrument ID : Konelab

4/8/2021 18:06

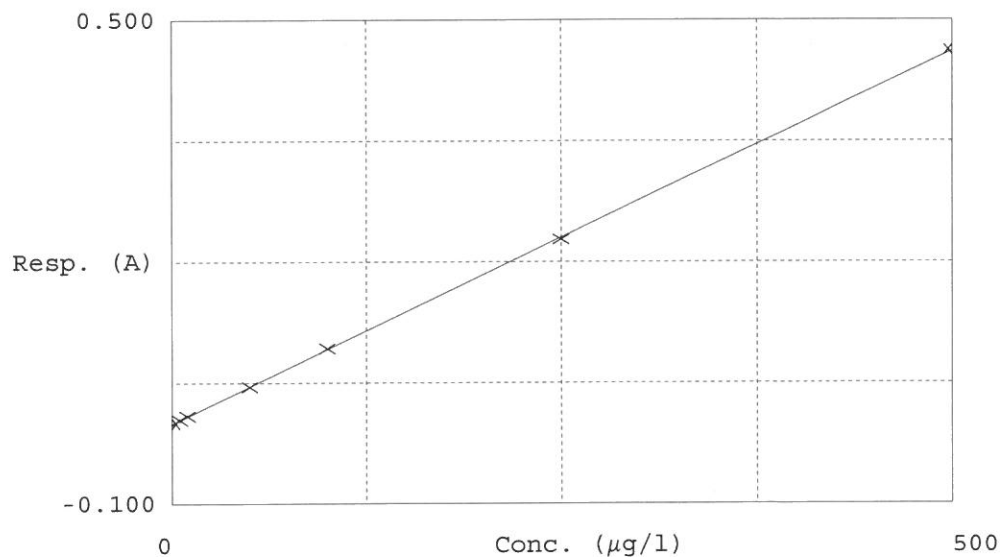
Test Total CN

Accepted 4/8/2021 14:21

Factor 1083
Bias -0.001

Coeff. of det. 0.999941

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors	%RE
1	0.0PPBCN	-0.000	0.4710	0.0000		
2	5.0PPBCN	0.004	5.2397	5.0000		
3	10PPBCN	0.009	10.4158	10.0000		
4	50PPBCN	0.045	49.4884	50.0000		
5	100PPBCN	0.093	101.0176	100.0000		
6	250PPBCN	0.228	247.0611	250.0000		
7	500PPBCN	0.462	501.3064	500.0000		

04/08/2021
AM

M1963-01MSD	S	Total CN	P	22.5562 µg/l	4/8/2021 16:46:47
M1963-03	S	Total CN	P	3.0445 µg/l	4/8/2021 16:52:06
M1963-05	S	Total CN	P	5.1181 µg/l	4/8/2021 16:52:07
CCV4	S	Total CN	P	255.0772 µg/l	4/8/2021 16:52:08
CCB4	S	Total CN	P	1.026 µg/l	4/8/2021 16:54:57
M1963-07	S	Total CN	P	1.3544 µg/l	4/8/2021 16:54:58
M1967-12	S	Total CN	P	2.0579 µg/l	4/8/2021 16:54:59
PB135616BS	S	Total CN	P	94.8227 µg/l	4/8/2021 17:02:34
LOWPB135616	S	Total CN	P	9.654 µg/l	4/8/2021 17:02:35
HIGHPB135616	S	Total CN	P	468.5539 µg/l	4/8/2021 17:02:36
M1966-01	S	Total CN	P	32.632 µg/l	4/8/2021 17:02:37
M1966-02	S	Total CN	P	7.1693 µg/l	4/8/2021 17:02:38
M1966-03	S	Total CN	P	46.686 µg/l	4/8/2021 17:02:39
M1966-04	S	Total CN	P	24.1155 µg/l	4/8/2021 17:02:40
CCV5	S	Total CN	P	241.2416 µg/l	4/8/2021 17:02:41
CCB5	S	Total CN	P	1.4482 µg/l	4/8/2021 17:02:42
M1966-05	S	Total CN	P	7.8174 µg/l	4/8/2021 17:02:43
M1966-05DUP	S	Total CN	P	7.3322 µg/l	4/8/2021 17:10:04
M1966-08	S	Total CN	P	1.3008 µg/l	4/8/2021 17:10:07
M1967-13	S	Total CN	P	5.1421 µg/l	4/8/2021 17:10:08
M1972-02	S	Total CN	P	1.5717 µg/l	4/8/2021 17:10:09
PB135616BL	S	Total CN	P	0.6592 µg/l	4/8/2021 17:18:43
M1966-06MS	S	Total CN	P	25.8334 µg/l	4/8/2021 17:28:58
M1966-07MSD	S	Total CN	P	25.5583 µg/l	4/8/2021 17:30:15
CCV6	S	Total CN	P	248.8527 µg/l	4/8/2021 17:34:41
CCB6	S	Total CN	P	0.924 µg/l	4/8/2021 17:34:43