

LB126076

Test results

Aquakem 7.2AQ1

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

Reviewed by : R Instrument ID : Konelab

6/20/2023 14:41

Test: Total CN

Sample Id	^{mp/L} Result	Dil. 1 +	Response	Errors
ICV1	93.534	0.0	0.068	
ICB1	2.102	0.0	0.002	
CCV1	250.391	0.0	0.183	
CCB1	2.155	0.0	0.002	
PB153619BL	1.853	0.0	0.002	
PB153619BS	93.774	0.0	0.069	
LOWPB153619	9.827	0.0	0.008	98% (90-110)
HIGHPB153619	517.652	0.0	0.377	104% (90-110)
O3308-04	42.504	0.0	0.031	
O3308-04DUP	42.285	0.0	0.031	
O3308-04MS	79.550	0.0	0.058	12
O3308-04MSD	79.516	0.0	0.058	6/20/23
O3279-01	2.706	0.0	0.002	
O3296-01	1.829	0.0	0.002	
CCV2	249.504	0.0	0.182	
CCB2	1.789	0.0	0.002	
O3296-07	2.782	0.0	0.002	
O3296-13	4.710	0.0	0.004	
O3296-19	17.470	0.0	0.013	
O3297-01	2.866	0.0	0.002	
O3298-01	347.056	0.0	0.253	
O3298-07	8.232	0.0	0.006	
O3302-01	2.456	0.0	0.002	
O3302-02	8.387	0.0	0.006	
O3302-03	7.643	0.0	0.006	
O3302-04	1.798	0.0	0.002	
CCV3	251.458	0.0	0.183	
CCB3	1.762	0.0	0.002	
O3308-01	37.927	0.0	0.028	
PB153621BL	1.778	0.0	0.002	
PB153621BS	95.089	0.0	0.070	
O3327-01	272.571	0.0	0.199	
O3327-01DUP	272.473	0.0	0.199	
O3327-01MSD	302.631	0.0	0.221	
O3327-01MS	304.488	0.0	0.222	
O3327-07	1.965	0.0	0.002	
O3327-13	2.759	0.0	0.002	
O3327-19	23.517	0.0	0.017	
CCV4	250.297	0.0	0.182	
CCB4	2.002	0.0	0.002	
O3328-01	1.839	0.0	0.002	
O3328-07	6.076	0.0	0.005	
O3328-13	13.225	0.0	0.010	
O3328-19	1.996	0.0	0.002	
O3329-01	6.568	0.0	0.005	
O3329-07	2.930	0.0	0.002	
O3329-13	166.377	0.0	0.121	
O3329-19	5.044	0.0	0.004	
O3330-01	3.098	0.0	0.003	
O3330-07	64.808	0.0	0.048	
CCV5	252.044	0.0	0.184	
CCB5	1.871	0.0	0.002	
O3330-13	4.221	0.0	0.003	
O3331-01	58.721	0.0	0.043	
O3331-08	122.370	0.0	0.089	

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Test: Total CN

Sample Id	<i>mp/l</i> Result	Dil. 1 +	Response	Errors
O3331-14	9.047	0.0	0.007	
O3331-20	56.453	0.0	0.041	
O3331-26	89.709	0.0	0.066	
CCV6	250.782	0.0	0.183	
CCB6	1.860	0.0	0.002	
PB153624BL	1.976	0.0	0.002	
PB153624BS	94.088	0.0	0.069	
O3274-01	30.178	0.0	0.022	
O3274-01DUP	30.184	0.0	0.022	
O3274-01MS	69.364	0.0	0.051	
O3274-01MSD	69.678	0.0	0.051	
CCV7	253.556	0.0	0.185	
CCB7	1.727	0.0	0.002	

N	68
Mean	78.895
SD	113.7772
CV%	144.21

Aquakem v. 7.2AQ1

Results from time period:

Tue Jun 20 13:36:18 2023

Tue Jun 20 14:40:19 2023

Sample Id	Sam/Ctr/c/	Test short	Test type	Result	Result unit	Result date and time
0.OPPBCN	A	Total CN	P	1.6249	µg/l	6/20/2023 10:32:50
5.OPPBCN	A	Total CN	P	5.6238	µg/l	6/20/2023 10:32:51
10PPBCN	A	Total CN	P	9.9593	µg/l	6/20/2023 10:32:52
50PPBCN	A	Total CN	P	45.8465	µg/l	6/20/2023 10:32:53
100PPBCN	A	Total CN	P	97.7026	µg/l	6/20/2023 10:32:54
250PPBCN	A	Total CN	P	256.7469	µg/l	6/20/2023 10:32:55
500PPBCN	A	Total CN	P	497.4959	µg/l	6/20/2023 10:32:56
ICV1	S	Total CN	P	93.5338	µg/l	6/20/2023 13:36:19
ICB1	S	Total CN	P	2.1015	µg/l	6/20/2023 13:36:20
CCV1	S	Total CN	P	250.3913	µg/l	6/20/2023 13:36:24
CCB1	S	Total CN	P	2.1548	µg/l	6/20/2023 13:36:27
PB153619BL	S	Total CN	P	1.8534	µg/l	6/20/2023 13:36:28
PB153619BS	S	Total CN	P	93.7739	µg/l	6/20/2023 13:43:55
LOWPB153619	S	Total CN	P	9.8265	µg/l	6/20/2023 13:43:57
HIGHPB153619	S	Total CN	P	517.6522	µg/l	6/20/2023 13:43:59
O3308-04	S	Total CN	P	42.5041	µg/l	6/20/2023 13:44:01
O3308-04DUP	S	Total CN	P	42.2849	µg/l	6/20/2023 13:44:02
O3308-04MS	S	Total CN	P	79.5501	µg/l	6/20/2023 13:51:29
O3308-04MSD	S	Total CN	P	79.5159	µg/l	6/20/2023 13:51:30
O3279-01	S	Total CN	P	2.7057	µg/l	6/20/2023 13:51:31
O3296-01	S	Total CN	P	1.8289	µg/l	6/20/2023 13:51:32
CCV2	S	Total CN	P	249.5039	µg/l	6/20/2023 13:51:33
CCB2	S	Total CN	P	1.7889	µg/l	6/20/2023 13:51:36
O3296-07	S	Total CN	P	2.7823	µg/l	6/20/2023 13:51:37
O3296-13	S	Total CN	P	4.71	µg/l	6/20/2023 13:51:38
O3296-19	S	Total CN	P	17.4698	µg/l	6/20/2023 13:59:03
O3297-01	S	Total CN	P	2.8659	µg/l	6/20/2023 13:59:04
O3298-01	S	Total CN	P	347.0555	µg/l	6/20/2023 13:59:05
O3298-07	S	Total CN	P	8.2317	µg/l	6/20/2023 13:59:06
O3302-01	S	Total CN	P	2.4562	µg/l	6/20/2023 13:59:07
O3302-02	S	Total CN	P	8.3866	µg/l	6/20/2023 13:59:08
O3302-03	S	Total CN	P	7.6432	µg/l	6/20/2023 13:59:09
O3302-04	S	Total CN	P	1.798	µg/l	6/20/2023 13:59:10
CCV3	S	Total CN	P	251.4579	µg/l	6/20/2023 13:59:11
CCB3	S	Total CN	P	1.7619	µg/l	6/20/2023 13:59:13
O3308-01	S	Total CN	P	37.927	µg/l	6/20/2023 14:06:39
PB153621BL	S	Total CN	P	1.7779	µg/l	6/20/2023 14:06:40
PB153621BS	S	Total CN	P	95.0894	µg/l	6/20/2023 14:06:44
O3327-01	S	Total CN	P	272.571	µg/l	6/20/2023 14:06:45
O3327-01DUP	S	Total CN	P	272.473	µg/l	6/20/2023 14:06:46
O3327-01MSD	S	Total CN	P	302.6306	µg/l	6/20/2023 14:14:13
O3327-01MS	S	Total CN	P	304.4882	µg/l	6/20/2023 14:14:14

O3327-07	S	Total CN	P	1.9654 µg/l	6/20/2023 14:14:15
O3327-13	S	Total CN	P	2.7587 µg/l	6/20/2023 14:14:16
O3327-19	S	Total CN	P	23.5173 µg/l	6/20/2023 14:14:17
CCV4	S	Total CN	P	250.2966 µg/l	6/20/2023 14:14:18
CCB4	S	Total CN	P	2.0024 µg/l	6/20/2023 14:14:20
O3328-01	S	Total CN	P	1.8392 µg/l	6/20/2023 14:14:22
O3328-07	S	Total CN	P	6.076 µg/l	6/20/2023 14:14:23
O3328-13	S	Total CN	P	13.2248 µg/l	6/20/2023 14:21:48
O3328-19	S	Total CN	P	1.9961 µg/l	6/20/2023 14:21:49
O3329-01	S	Total CN	P	6.5683 µg/l	6/20/2023 14:21:50
O3329-07	S	Total CN	P	2.93 µg/l	6/20/2023 14:21:51
O3329-13	S	Total CN	P	166.3774 µg/l	6/20/2023 14:21:52
O3329-19	S	Total CN	P	5.044 µg/l	6/20/2023 14:21:53
O3330-01	S	Total CN	P	3.0976 µg/l	6/20/2023 14:21:54
O3330-07	S	Total CN	P	64.8077 µg/l	6/20/2023 14:21:55
CCV5	S	Total CN	P	252.0439 µg/l	6/20/2023 14:21:56
CCB5	S	Total CN	P	1.8713 µg/l	6/20/2023 14:21:58
O3330-13	S	Total CN	P	4.2214 µg/l	6/20/2023 14:29:21
O3331-01	S	Total CN	P	58.7212 µg/l	6/20/2023 14:29:22
O3331-08	S	Total CN	P	122.3701 µg/l	6/20/2023 14:29:23
O3331-14	S	Total CN	P	9.0467 µg/l	6/20/2023 14:29:24
O3331-20	S	Total CN	P	56.4533 µg/l	6/20/2023 14:29:25
O3331-26	S	Total CN	P	89.7086 µg/l	6/20/2023 14:29:26
CCV6	S	Total CN	P	250.7823 µg/l	6/20/2023 14:29:27
CCB6	S	Total CN	P	1.8599 µg/l	6/20/2023 14:29:30
PB153624BL	S	Total CN	P	1.9756 µg/l	6/20/2023 14:36:55
PB153624BS	S	Total CN	P	94.0883 µg/l	6/20/2023 14:36:57
O3274-01	S	Total CN	P	30.1776 µg/l	6/20/2023 14:36:58
O3274-01DUP	S	Total CN	P	30.1838 µg/l	6/20/2023 14:36:59
O3274-01MS	S	Total CN	P	69.3639 µg/l	6/20/2023 14:37:02
O3274-01MSD	S	Total CN	P	69.6776 µg/l	6/20/2023 14:37:03
CCV7	S	Total CN	P	253.5555 µg/l	6/20/2023 14:37:04
CCB7	S	Total CN	P	1.7265 µg/l	6/20/2023 14:40:19

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284 Sheffield Street, Mountainside, NJ 07092

6/20/2023 10:33

Reviewed by : 12 Instrument ID : Konelab

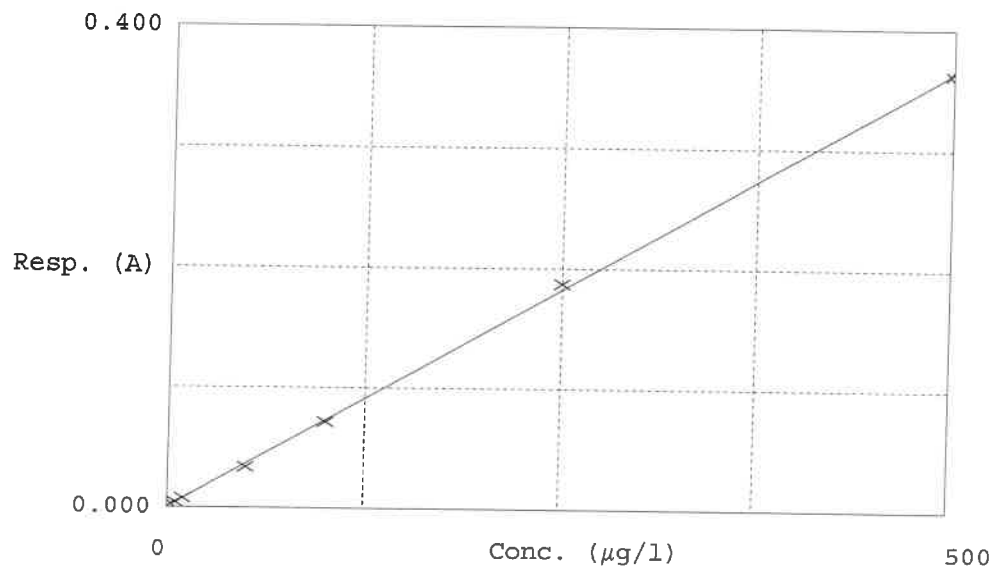
Test Total CN

Accepted 6/20/2023 10:33

Factor 1374
Bias 0

Coeff. of det. 0.999624

Errors



	Calibrator	Response	Calc. con.	Conc.	<u>12</u> Errors
1	0.0PPBCN	0.002	1.6249	0.0000	-
2	5.0PPBCN	0.004	5.6238	5.0000	12.5
3	10PPBCN	0.008	9.9593	10.0000	-0.4
4	50PPBCN	0.034	45.8465	50.0000	-8.3
5	100PPBCN	0.071	97.7026	100.0000	-2.3
6	250PPBCN	0.187	256.7469	250.0000	2.7
7	500PPBCN	0.362	497.4959	500.0000	-0.5

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6/20/23