

LB104945

Calibration results

Aquakem 7.2AQ1

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

Instrument ID : Konelab

9/4/2019 9:25

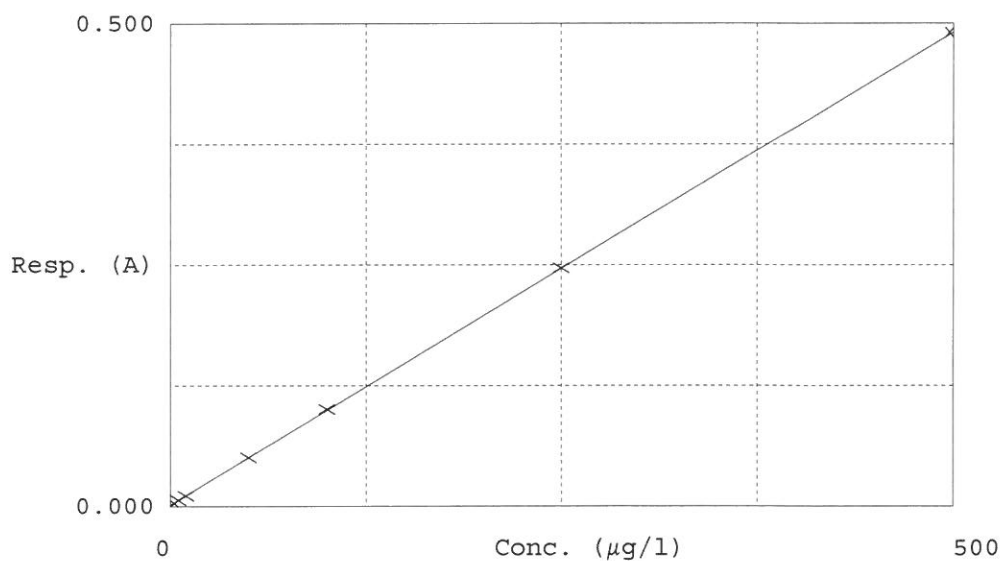
 09/4/19  
 CT  
 Test ~~Total~~ <sup>Reactive</sup> CN

Accepted 9/4/2019 9:25

 Factor 1022  
 Bias 0.002

Coeff. of det. 0.999992

Errors



|   | Calibrator | Response | Calc. con. | Conc.    | Errors |
|---|------------|----------|------------|----------|--------|
| 1 | 0.0PPBCN   | 0.002    | -0.2159    | 0.0000   |        |
| 2 | 5.0PPBCN   | 0.007    | 4.9070     | 5.0000   |        |
| 3 | 10PPBCN    | 0.011    | 9.3993     | 10.0000  |        |
| 4 | 50PPBCN    | 0.051    | 49.9312    | 50.0000  |        |
| 5 | 100PPBCN   | 0.101    | 100.9604   | 100.0000 |        |
| 6 | 250PPBCN   | 0.247    | 250.3806   | 250.0000 |        |
| 7 | 500PPBCN   | 0.491    | 499.6375   | 500.0000 |        |

CHEMTECH

284 Sheffield Street,  
Mountainside, NJ 07092Reviewed by : CT

Instrument ID : Konelab

9/4/2019 12:56

Test: Total CN

| Sample Id | Result | Dil. 1 + | Response | Errors |
|-----------|--------|----------|----------|--------|
|-----------|--------|----------|----------|--------|

|             |         |     |       |  |
|-------------|---------|-----|-------|--|
| ICV1        | 98.283  | 0.0 | 0.098 |  |
| ICB1        | 0.386   | 0.0 | 0.002 |  |
| CCV1        | 246.135 | 0.0 | 0.243 |  |
| CCB1        | 0.956   | 0.0 | 0.003 |  |
| PB122736BL  | 0.334   | 0.0 | 0.002 |  |
| K4554-09    | 0.448   | 0.0 | 0.002 |  |
| K4554-09DUP | 0.349   | 0.0 | 0.002 |  |
| K4554-30    | 0.257   | 0.0 | 0.002 |  |
| K4554-52    | 0.469   | 0.0 | 0.002 |  |
| K4625-06    | 0.129   | 0.0 | 0.002 |  |
| K4625-08    | 0.482   | 0.0 | 0.002 |  |
| PB122796BL  | 0.570   | 0.0 | 0.002 |  |
| K4094-01    | 0.324   | 0.0 | 0.002 |  |
| K4094-01DUP | -0.634  | 0.0 | 0.001 |  |
| CCV2        | 254.589 | 0.0 | 0.251 |  |
| CCB2        | 0.122   | 0.0 | 0.002 |  |
| K4094-03    | 0.311   | 0.0 | 0.002 |  |
| K4094-03DUP | 0.300   | 0.0 | 0.002 |  |
| CCV3        | 258.779 | 0.0 | 0.255 |  |
| CCB3        | 0.491   | 0.0 | 0.002 |  |
| K4653-04    | 0.088   | 0.0 | 0.002 |  |
| K4654-01    | 0.188   | 0.0 | 0.002 |  |
| K4655-04    | 0.213   | 0.0 | 0.002 |  |
| K4655-08    | 0.173   | 0.0 | 0.002 |  |
| K4668-03    | 0.113   | 0.0 | 0.002 |  |
| K4679-09    | 0.311   | 0.0 | 0.002 |  |
| K4679-10    | 0.405   | 0.0 | 0.002 |  |
| K4679-11    | 4.740   | 0.0 | 0.006 |  |
| K4679-12    | 0.358   | 0.0 | 0.002 |  |
| PB122797BL  | 0.273   | 0.0 | 0.002 |  |
| CCV3 CCV4   | 260.993 | 0.0 | 0.257 |  |
| CCB3 CCV4   | 0.371   | 0.0 | 0.002 |  |

|      |         |
|------|---------|
| N    | 32      |
| Mean | 35.353  |
| SD   | 86.1680 |
| CV%  | 243.73  |

09/4/19  
CT

Aquakem v. 7.2AQ1

Results from time period:

Wed Sep 04 12:07:10 2019

Wed Sep 04 12:45:58 2019

| Sample Id   | Sam/Ctr/c | Test short nan | Test type | Result   | Result unit | Result date and time | Stat |
|-------------|-----------|----------------|-----------|----------|-------------|----------------------|------|
| 0.OPPBCN    | A         | Reactive CN    | P         | -0.2159  | µg/l        | 9/4/2019 9:24:34     |      |
| 5.OPPBCN    | A         | Reactive CN    | P         | 4.907    | µg/l        | 9/4/2019 9:24:35     |      |
| 10PPBCN     | A         | Reactive CN    | P         | 9.3993   | µg/l        | 9/4/2019 9:24:36     |      |
| 50PPBCN     | A         | Reactive CN    | P         | 49.9312  | µg/l        | 9/4/2019 9:24:37     |      |
| 100PPBCN    | A         | Reactive CN    | P         | 100.9604 | µg/l        | 9/4/2019 9:24:38     |      |
| 250PPBCN    | A         | Reactive CN    | P         | 250.3806 | µg/l        | 9/4/2019 9:24:39     |      |
| 500PPBCN    | A         | Reactive CN    | P         | 499.6375 | µg/l        | 9/4/2019 9:24:40     |      |
| ICV1        | S         | Reactive CN    | P         | 98.2831  | µg/l        | 9/4/2019 12:07:10    |      |
| ICB1        | S         | Reactive CN    | P         | 0.3864   | µg/l        | 9/4/2019 12:07:11    |      |
| CCV1        | S         | Reactive CN    | P         | 246.1354 | µg/l        | 9/4/2019 12:07:12    |      |
| CCB1        | S         | Reactive CN    | P         | 0.9563   | µg/l        | 9/4/2019 12:07:13    |      |
| PB122736BL  | S         | Reactive CN    | P         | 0.3337   | µg/l        | 9/4/2019 12:07:14    |      |
| K4554-09    | S         | Reactive CN    | P         | 0.4477   | µg/l        | 9/4/2019 12:07:15    |      |
| K4554-09DUP | S         | Reactive CN    | P         | 0.349    | µg/l        | 9/4/2019 12:07:16    |      |
| K4554-30    | S         | Reactive CN    | P         | 0.257    | µg/l        | 9/4/2019 12:07:17    |      |
| K4554-52    | S         | Reactive CN    | P         | 0.4685   | µg/l        | 9/4/2019 12:07:18    |      |
| K4625-06    | S         | Reactive CN    | P         | 0.1291   | µg/l        | 9/4/2019 12:07:19    |      |
| K4625-08    | S         | Reactive CN    | P         | 0.4818   | µg/l        | 9/4/2019 12:07:20    |      |
| PB122796BL  | S         | Reactive CN    | P         | 0.5699   | µg/l        | 9/4/2019 12:14:41    |      |
| K4094-01    | S         | Reactive CN    | P         | 0.3245   | µg/l        | 9/4/2019 12:14:42    |      |
| K4094-01DUP | S         | Reactive CN    | P         | -0.6342  | µg/l        | 9/4/2019 12:14:43    |      |
| CCV2        | S         | Reactive CN    | P         | 254.5889 | µg/l        | 9/4/2019 12:19:32    |      |
| CCB2        | S         | Reactive CN    | P         | 0.1225   | µg/l        | 9/4/2019 12:25:32    |      |
| K4094-03    | S         | Reactive CN    | P         | 0.3111   | µg/l        | 9/4/2019 12:25:33    |      |
| K4094-03DUP | S         | Reactive CN    | P         | 0.2999   | µg/l        | 9/4/2019 12:25:34    |      |
| CCV3        | S         | Reactive CN    | P         | 258.7786 | µg/l        | 9/4/2019 12:25:35    |      |
| CCB3        | S         | Reactive CN    | P         | 0.4913   | µg/l        | 9/4/2019 12:25:36    |      |
| K4653-04    | S         | Reactive CN    | P         | 0.0877   | µg/l        | 9/4/2019 12:36:23    |      |
| K4654-01    | S         | Reactive CN    | P         | 0.1881   | µg/l        | 9/4/2019 12:36:24    |      |
| K4655-04    | S         | Reactive CN    | P         | 0.2133   | µg/l        | 9/4/2019 12:42:34    |      |
| K4655-08    | S         | Reactive CN    | P         | 0.1728   | µg/l        | 9/4/2019 12:42:35    |      |
| K4668-03    | S         | Reactive CN    | P         | 0.1127   | µg/l        | 9/4/2019 12:42:36    |      |
| K4679-09    | S         | Reactive CN    | P         | 0.3113   | µg/l        | 9/4/2019 12:42:37    |      |
| K4679-10    | S         | Reactive CN    | P         | 0.4049   | µg/l        | 9/4/2019 12:42:38    |      |
| K4679-11    | S         | Reactive CN    | P         | 4.7404   | µg/l        | 9/4/2019 12:42:39    |      |
| K4679-12    | S         | Reactive CN    | P         | 0.358    | µg/l        | 9/4/2019 12:42:40    |      |
| PB122797BL  | S         | Reactive CN    | P         | 0.2728   | µg/l        | 9/4/2019 12:42:41    |      |
| CCV4        | S         | Reactive CN    | P         | 260.9934 | µg/l        | 9/4/2019 12:45:57    |      |
| CCB4        | S         | Reactive CN    | P         | 0.3709   | µg/l        | 9/4/2019 12:45:58    |      |