

CN Raw data

LB90923

Calibration results

Aquakem 7.2AQ1

Page: 1

CHEMTECH

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

10/18/2017 17:08

Instrument ID: CN

Test CNEPA-NEW

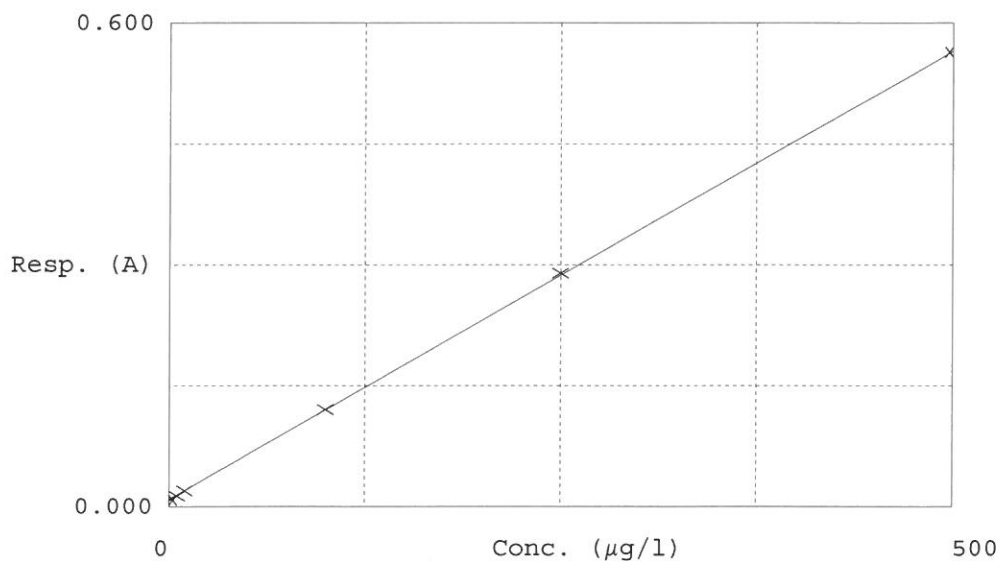
Accepted

10/18/2017 17:08

Factor (slope) 898.4  
Bias (y-intercept) 0.009

Coeff. of det. 0.999958

Errors



|   | Calibrator            | Response | Calc. con. | Conc.    | Errors | Percentage |
|---|-----------------------|----------|------------|----------|--------|------------|
| 1 | 0.0PPBCN <u>5.0</u>   | 0.008    | -0.5783    | 0.0000   |        |            |
| 2 | 5.0PPBCN <u>55.0</u>  | 0.013    | 4.1200     | 5.0000   |        | 82.24%     |
| 3 | 10PPBCN <u>50.0</u>   | 0.020    | 9.9298     | 10.0000  |        | 99.29%     |
| 4 | 100PPBCN <u>310.0</u> | 0.121    | 100.4378   | 100.0000 |        | 100.43%    |
| 5 | 250PPBCN <u>325.0</u> | 0.290    | 252.3361   | 250.0000 |        | 100.93%    |
| 6 | 500PPBCN <u>550.0</u> | 0.564    | 498.7546   | 500.0000 |        | 99.75%     |

AK  
11/8/17

LB90923

Test results

Aquakem 7.2AQ1

Page: 1

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

10/19/2017 8:42

Test: CNEPA-NEW

| Sample Id         | Result  | Dil. 1 + | Response | Errors |
|-------------------|---------|----------|----------|--------|
| ICV ICV           | 98.058  | 0.0      | 0.118    |        |
| ICB ICB           | -0.076  | 0.0      | 0.009    |        |
| CCV001 CCV001     | 243.485 | 0.0      | 0.280    |        |
| CCB001 CCB001     | 0.119   | 0.0      | 0.009    |        |
| PB103178BL PBS006 | -0.194  | 0.0      | 0.009    |        |
| I5783-02          | 1.566   | 0.0      | 0.010    |        |
| I5789-01          | 34.310  | 0.0      | 0.047    |        |
| I5789-02          | 34.598  | 0.0      | 0.047    |        |
| I5789-03          | 143.056 | 0.0      | 0.168    |        |
| I5789-04          | 3.104   | 0.0      | 0.012    |        |
| I5789-05          | 0.340   | 0.0      | 0.009    |        |
| I5789-06          | -0.251  | 0.0      | 0.008    |        |
| I5789-07          | 0.419   | 0.0      | 0.009    |        |
| I5789-08          | 12.208  | 0.0      | 0.022    |        |
| I5789-09          | 5.124   | 0.0      | 0.014    |        |
| I5789-10          | 2.231   | 0.0      | 0.011    |        |
| I5789-11          | 146.382 | 0.0      | 0.172    |        |
| I5789-12          | 0.734   | 0.0      | 0.010    |        |
| I5789-13          | 55.761  | 0.0      | 0.071    |        |
| I5747-01A         | 19.631  | 0.0      | 0.031    |        |
| I5826-01          | 153.416 | 0.0      | 0.180    |        |
| I5826-02          | 4.627   | 0.0      | 0.014    |        |
| I5826-03          | 1.544   | 0.0      | 0.010    |        |
| I5826-05          | 0.084   | 0.0      | 0.009    |        |
| I5826-06          | 4.158   | 0.0      | 0.013    |        |
| I5826-07          | 9.998   | 0.0      | 0.020    |        |
| I5826-08          | 20.543  | 0.0      | 0.032    |        |
| I5826-09          | 13.231  | 0.0      | 0.023    |        |
| I5829-10          | 10.639  | 0.0      | 0.021    |        |
| I5826-12          | 7.188   | 0.0      | 0.017    |        |
| I5826-13          | 7.305   | 0.0      | 0.017    |        |
| I5826-14          | 96.627  | 0.0      | 0.116    |        |
| PB103244BL PBW005 | -0.443  | 0.0      | 0.008    |        |
| I5826-11          | 0.381   | 0.0      | 0.009    |        |
| I5783-01          | 6.547   | 0.0      | 0.016    |        |
| PB103243BL PBS006 | -0.219  | 0.0      | 0.009    |        |
| I5826-04          | 5.907   | 0.0      | 0.015    |        |
| CCV002 CCV002     | 255.986 | 0.0      | 0.294    |        |
| CCB002 CCB002     | -0.324  | 0.0      | 0.008    |        |

N 39  
 Mean 35.841  
 SD 66.1325  
 CV% 184.52

LB90923

Aquakem v. 7.2AQ1

Results from time period:

Wed Oct 18 17:08:02 2017

Wed Oct 18 18:31:31 2017

| Sample Id         | Sam/Ctr/c/ | Test short nam | Test type | Result   | Result unit | Result date and time |
|-------------------|------------|----------------|-----------|----------|-------------|----------------------|
| S0.0              | A          | CNEPA-NEW      | P         | -0.5783  | µg/l        | 10/18/2017 17:08:02  |
| S5.0              | A          | CNEPA-NEW      | P         | 4.12     | µg/l        | 10/18/2017 17:08:03  |
| S10.0             | A          | CNEPA-NEW      | P         | 9.9298   | µg/l        | 10/18/2017 17:08:04  |
| S100.0            | A          | CNEPA-NEW      | P         | 100.4378 | µg/l        | 10/18/2017 17:08:05  |
| S250.0            | A          | CNEPA-NEW      | P         | 252.3361 | µg/l        | 10/18/2017 17:08:06  |
| S500.0            | A          | CNEPA-NEW      | P         | 498.7546 | µg/l        | 10/18/2017 17:08:07  |
| ICV ICV           | S          | CNEPA-NEW      | P         | 98.0583  | µg/l        | 10/18/2017 17:43:06  |
| ICB ICB           | S          | CNEPA-NEW      | P         | -0.0756  | µg/l        | 10/18/2017 17:43:09  |
| CCV001 CCV001     | S          | CNEPA-NEW      | P         | 243.485  | µg/l        | 10/18/2017 17:43:10  |
| CCB001 CCB001     | S          | CNEPA-NEW      | P         | 0.1192   | µg/l        | 10/18/2017 17:43:12  |
| PB103178BL PBS006 | S          | CNEPA-NEW      | P         | -0.1941  | µg/l        | 10/18/2017 17:43:14  |
| I5783-02          | S          | CNEPA-NEW      | P         | 1.5657   | µg/l        | 10/18/2017 17:50:41  |
| I5789-01          | S          | CNEPA-NEW      | P         | 34.3103  | µg/l        | 10/18/2017 17:50:42  |
| I5789-02          | S          | CNEPA-NEW      | P         | 34.5982  | µg/l        | 10/18/2017 17:50:43  |
| I5789-03          | S          | CNEPA-NEW      | P         | 143.0564 | µg/l        | 10/18/2017 17:50:44  |
| I5789-04          | S          | CNEPA-NEW      | P         | 3.1037   | µg/l        | 10/18/2017 17:50:45  |
| I5789-05          | S          | CNEPA-NEW      | P         | 0.3396   | µg/l        | 10/18/2017 17:50:46  |
| I5789-06          | S          | CNEPA-NEW      | P         | -0.2513  | µg/l        | 10/18/2017 17:50:47  |
| I5789-07          | S          | CNEPA-NEW      | P         | 0.4193   | µg/l        | 10/18/2017 17:50:48  |
| I5789-08          | S          | CNEPA-NEW      | P         | 12.2077  | µg/l        | 10/18/2017 17:50:49  |
| I5789-09          | S          | CNEPA-NEW      | P         | 5.1245   | µg/l        | 10/18/2017 17:50:50  |
| I5789-10          | S          | CNEPA-NEW      | P         | 2.2314   | µg/l        | 10/18/2017 17:50:51  |
| I5789-11          | S          | CNEPA-NEW      | P         | 146.3817 | µg/l        | 10/18/2017 17:58:13  |
| I5789-12          | S          | CNEPA-NEW      | P         | 0.7343   | µg/l        | 10/18/2017 17:58:14  |
| I5789-13          | S          | CNEPA-NEW      | P         | 55.7612  | µg/l        | 10/18/2017 17:58:15  |
| I5747-01A         | S          | CNEPA-NEW      | P         | 19.6313  | µg/l        | 10/18/2017 17:58:16  |
| I5826-01          | S          | CNEPA-NEW      | P         | 153.4165 | µg/l        | 10/18/2017 17:58:18  |
| I5826-02          | S          | CNEPA-NEW      | P         | 4.6271   | µg/l        | 10/18/2017 17:58:19  |
| I5826-03          | S          | CNEPA-NEW      | P         | 1.544    | µg/l        | 10/18/2017 17:58:20  |
| I5826-05          | S          | CNEPA-NEW      | P         | 0.0836   | µg/l        | 10/18/2017 17:58:22  |
| I5826-06          | S          | CNEPA-NEW      | P         | 4.1582   | µg/l        | 10/18/2017 17:58:23  |
| I5826-07          | S          | CNEPA-NEW      | P         | 9.9984   | µg/l        | 10/18/2017 18:05:48  |
| I5826-08          | S          | CNEPA-NEW      | P         | 20.5433  | µg/l        | 10/18/2017 18:05:49  |
| I5826-09          | S          | CNEPA-NEW      | P         | 13.2305  | µg/l        | 10/18/2017 18:05:50  |
| I5829-10          | S          | CNEPA-NEW      | P         | 10.6393  | µg/l        | 10/18/2017 18:05:51  |
| I5826-12          | S          | CNEPA-NEW      | P         | 7.1876   | µg/l        | 10/18/2017 18:05:52  |
| I5826-13          | S          | CNEPA-NEW      | P         | 7.305    | µg/l        | 10/18/2017 18:05:53  |
| I5826-14          | S          | CNEPA-NEW      | P         | 96.6267  | µg/l        | 10/18/2017 18:05:54  |
| PB103244BL PBW005 | S          | CNEPA-NEW      | P         | -0.4431  | µg/l        | 10/18/2017 18:05:55  |
| I5826-11          | S          | CNEPA-NEW      | P         | 0.3811   | µg/l        | 10/18/2017 18:05:56  |
| I5783-01          | S          | CNEPA-NEW      | P         | 6.5468   | µg/l        | 10/18/2017 18:09:39  |
| PB103243BL PBS006 | S          | CNEPA-NEW      | P         | -0.2187  | µg/l        | 10/18/2017 18:25:53  |

LB 90923

|               |   |           |   |               |                     |
|---------------|---|-----------|---|---------------|---------------------|
| I5826-04      | S | CNEPA-NEW | P | 5.9072 µg/l   | 10/18/2017 18:25:55 |
| CCV002 CCV002 | S | CNEPA-NEW | P | 255.9859 µg/l | 10/18/2017 18:31:29 |
| CCB002 CCB002 | S | CNEPA-NEW | P | -0.3243 µg/l  | 10/18/2017 18:31:30 |