**Supplementary Table 1. | The nominal particle diameter compared to the calculated diameter according to the linear regression curve of the 3D nanofluidic device**. The associated coefficient of variation for both mean particle diameters is given between brackets. N.A. signifies missing supplier information.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Nominal diameter** | 3,16(3%) | 2,12(1%) | 1,74(1%) | 1,03(1%) | 0,9(N.A.) |
| **Calculated diameter** | 3,16 (1,8%) | 2,15 (2,7%) | 1,67 (4,6%) | 1,06 (4,4%) | 0,9 (3,9%) |