**DataS3**

Medium diameter (µm) of reference certified samples for laser diffraction particle analyzer (SALD-3101, Shimadzu).

|  |  |  |  |
| --- | --- | --- | --- |
| Certified sample | 75% diameter(µm) | 50% diameter(µm) | 25% diameter(µm) |
| JIS 11 | 4,17 ± 0,99 | 2,16 ± 0,41 | 0,94 ± 0,27 |
| Licopodium | 34,09 ± 1,74 | 31,57 ± 1,56 | 28,82 ± 1,41 |
| glass beads | 1490 ± 94 | 1355 ± 90 | 1221 ± 84 |