**Table S3.** Intensity average diameters of C60 aggregates in suspensions filtered through a 0.45 µm filter in individual samples.

|  |  |  |  |
| --- | --- | --- | --- |
| Suspension | Sample 1Diameter (*nm*) | Sample 2Diameter (*nm*) | Sample 3Diameter (*nm*) |
| C60 | 202.1 | 188.4 | 214.0 |
| C60 + acetophenone | 213.1 | 225.5 | 243.1 |
| C60 + benzaldehyde | 210.4 | 214.4 | 213.2 |
| C60 + benzyl alcohol | 209.6 | 224.4 | 237.7 |
| C60 + *m*-cresol | 192.6 | 176.2 | 221.4 |
| C60 + toluene | 208.7 | 204.1 | 214.2 |