

**Microscopy and modelling investigations on morphology of the biofilm
exopolysaccharide produced by *Burkholderia multivorans* strain C1576.**

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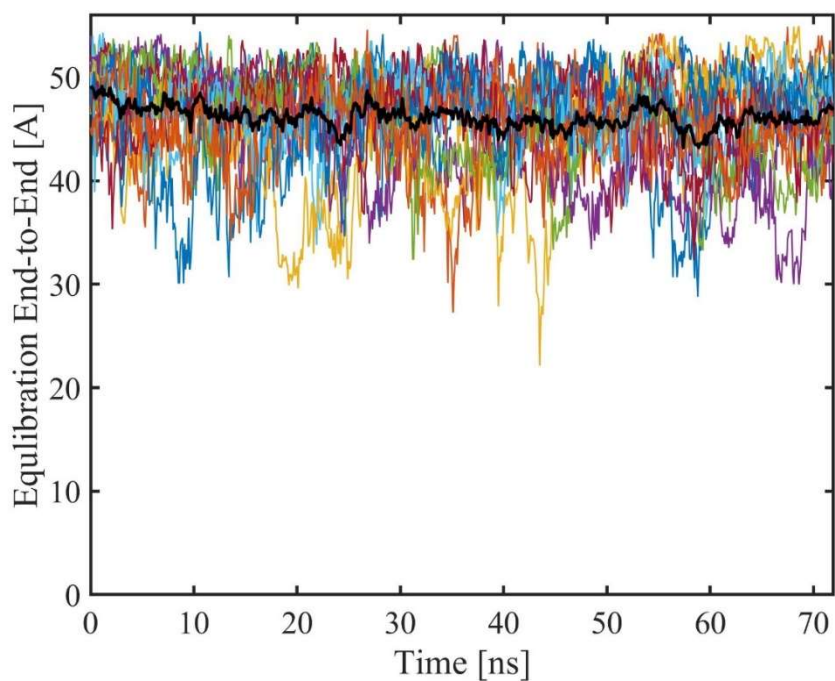


Fig. S1: Equilibration end-to-end distance of each polysaccharide fragment (black: mean value).

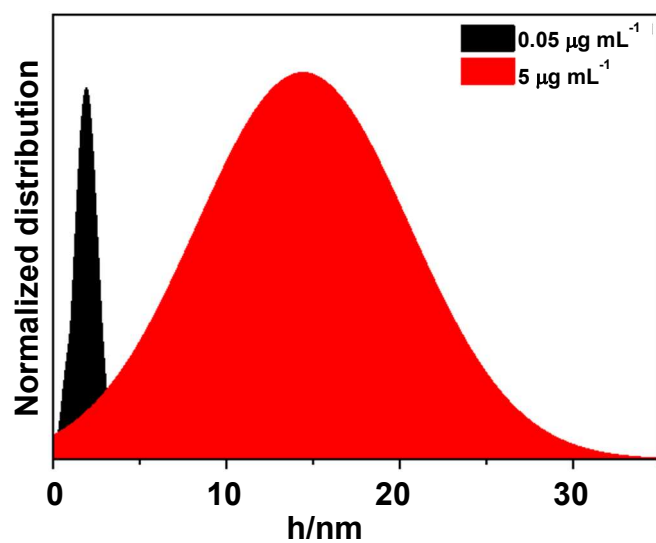


Fig. S2: Comparison between the distribution of the profiling measurements of dry state AFM images obtained from Epol C1576 dilute (black bell), and concentrated solutions (red bell).

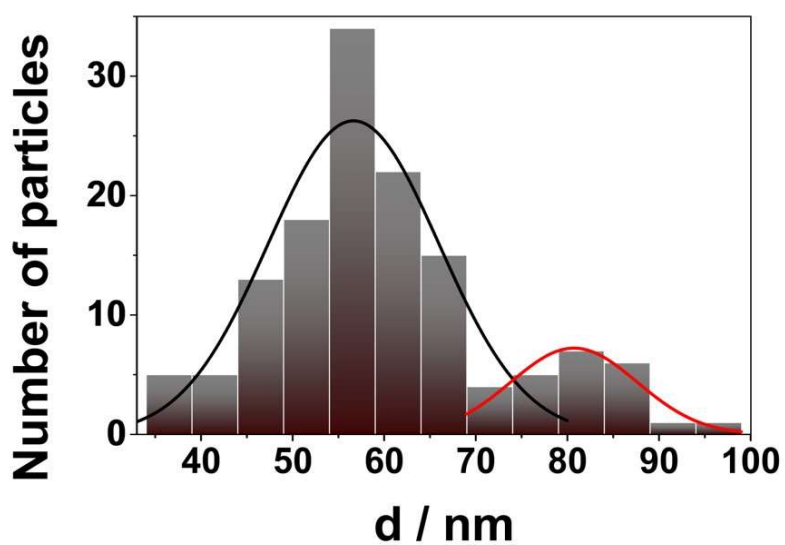


Fig. S3: Statistical distribution of particle size from TEM images of Epol C1576. Diameters of the particles were measured in 18 images, from different TEM grids, for a total of 137 independent measurements. Average value of the diameter, with standard deviation: (60 ± 12) nm.

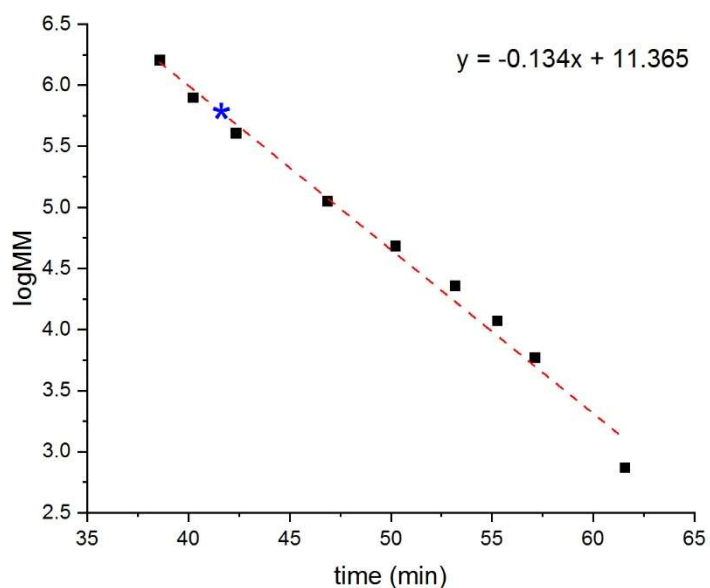


Fig. S4: Molecular Mass determination of Epol C1576 (*) by HPSEC analysis after calibration with pullulan standards (■).