



Supplementary Materials

Reuse of Textile Waste to Production of the Fibrous Antibacterial Membrane with Filtration Potential

Alena Opálková Šišková ^{1,2,*}, Pavel Pleva ^{3,*}, Jakub Hruža ⁴, Jaroslava Frajová ⁵, Jana Sedláříková ⁶, Petra Peer ³, Angela Kleinová ² and Magda Janalíková ³

¹ Institute of Materials and Machine Mechanics, Slovak Academy of Sciences, Dúbravská cesta 9, 845 13 Bratislava, Slovakia

² Polymer Institute of Slovak Academy of Sciences, Dúbravská cesta 9, 845 41 Bratislava, Slovakia; angelakleinova@savba.sk

³ Department of Environmental Protection Engineering, Faculty of Technology, Tomas Bata University in Zlín, Vavreckova 275, 760 01 Zlín, Czech Republic; peer@utb.cz (P.P.); mjanalikova@utb.cz (M.J.)

⁴ Institute for Nanomaterials, Advanced Technologies and Innovation, Technical University of Liberec, Studentská 1402/2, 461 17 Liberec, Czech Republic; jakubhruza1@seznam.cz

⁵ Faculty of Arts and Architecture, Technical University of Liberec, Studentská 1402/2, 460 01 Liberec, Czech Republic; jaroslava.frajova@tul.cz

⁶ Department of Fat, Surfactant and Cosmetics Technology, Faculty of Technology, Tomas Bata University in Zlín, Vavreckova 275, 760 01 Zlín, Czech Republic; sedlarikova@utb.cz

* Correspondence: alena.siskova@savba.sk (A.O.Š.); ppleva@utb.cz (P.P.)

In this supplementary material the following figures are presented:

Figure S1. The ¹H NMR (DMSO-*d*₆, 400 MHz) spectrum of 1-monolaurin.

Figure S2. The ¹³C NMR (bottom black line) and DEPT135 (blue top line) spectrum of 1-monolaurin (DMSO-*d*₆, 101 MHz).

Figure S3. The pore size distributions of produced fibrous membranes.

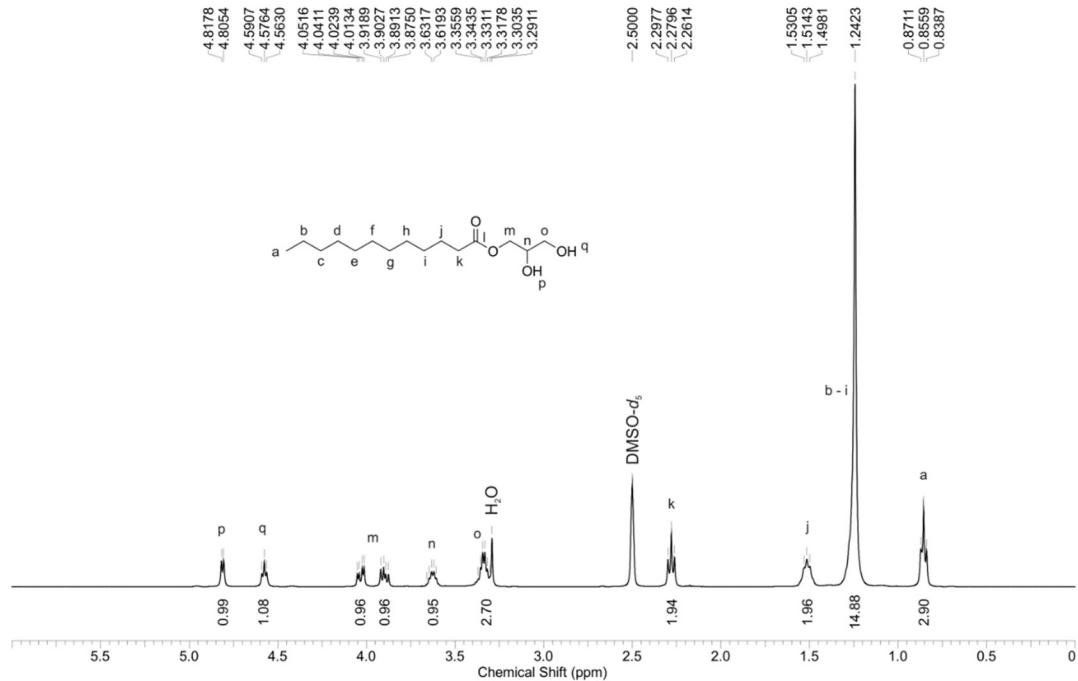


Figure S1. The ¹H NMR (DMSO-*d*₆, 400 MHz) spectrum of 1-monolaurin.

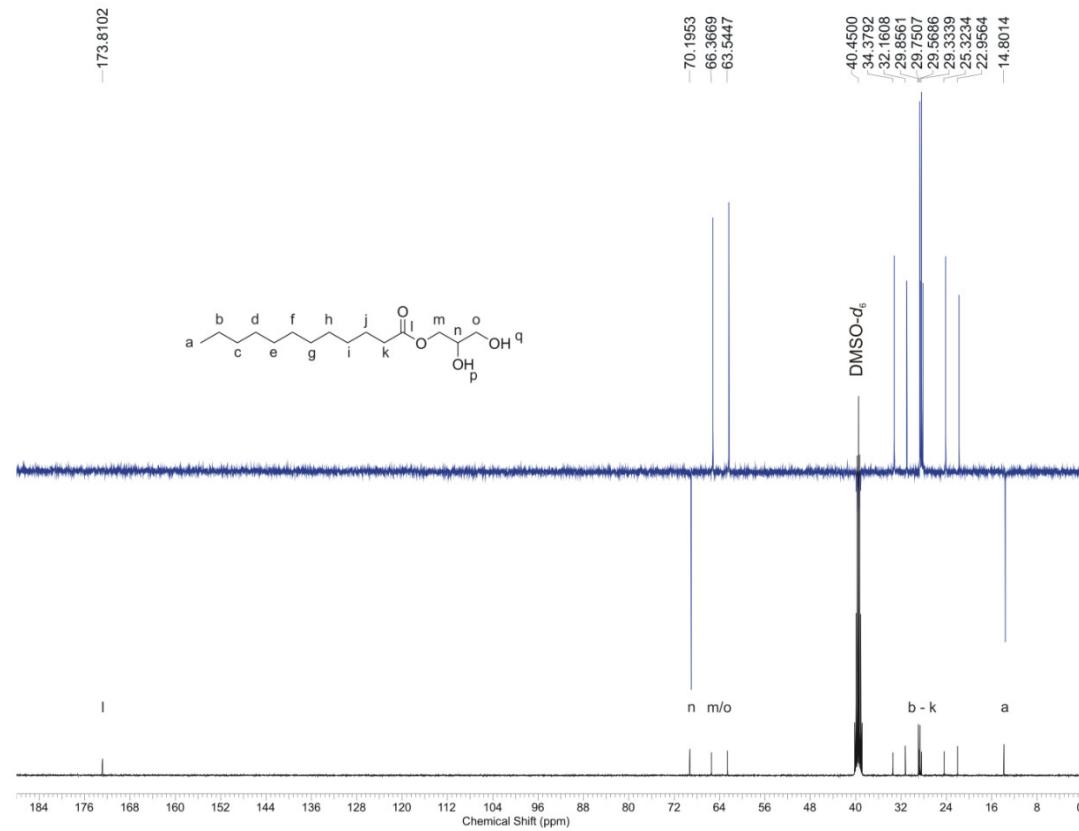


Figure S2. The ^{13}C NMR (bottom black line) and DEPT135 (blue top line) spectrum of 1-monolaurin ($\text{DMSO}-d_6$, 101 MHz).

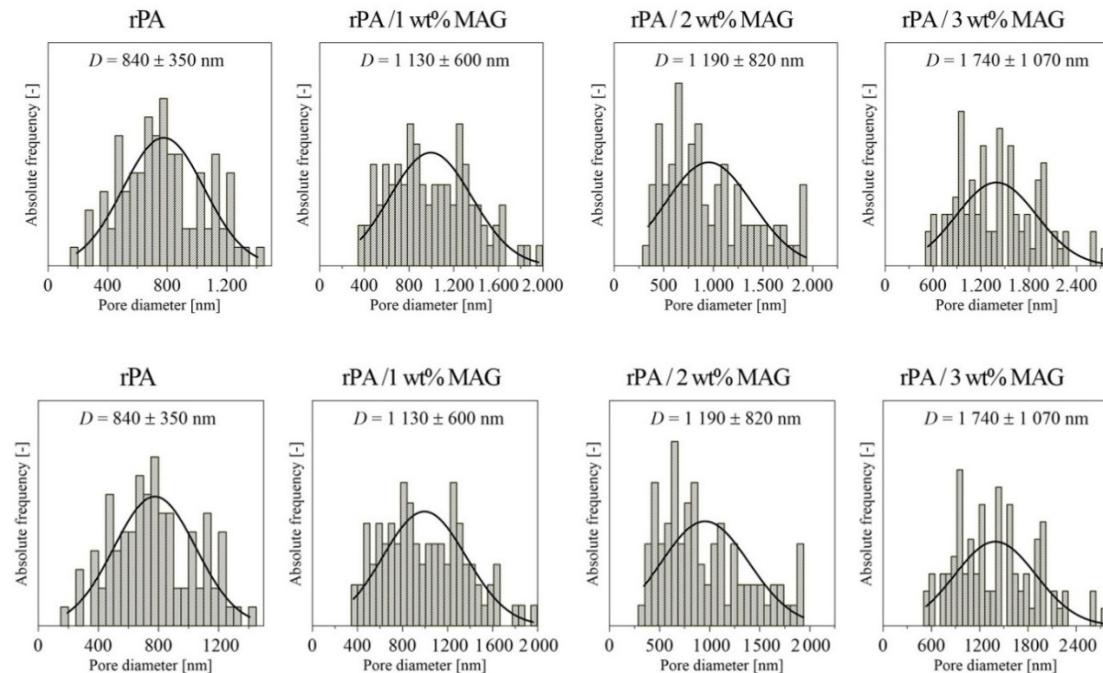


Figure S3. The pore size distributions of produced fibrous membranes.