Supplementary Information (SI)

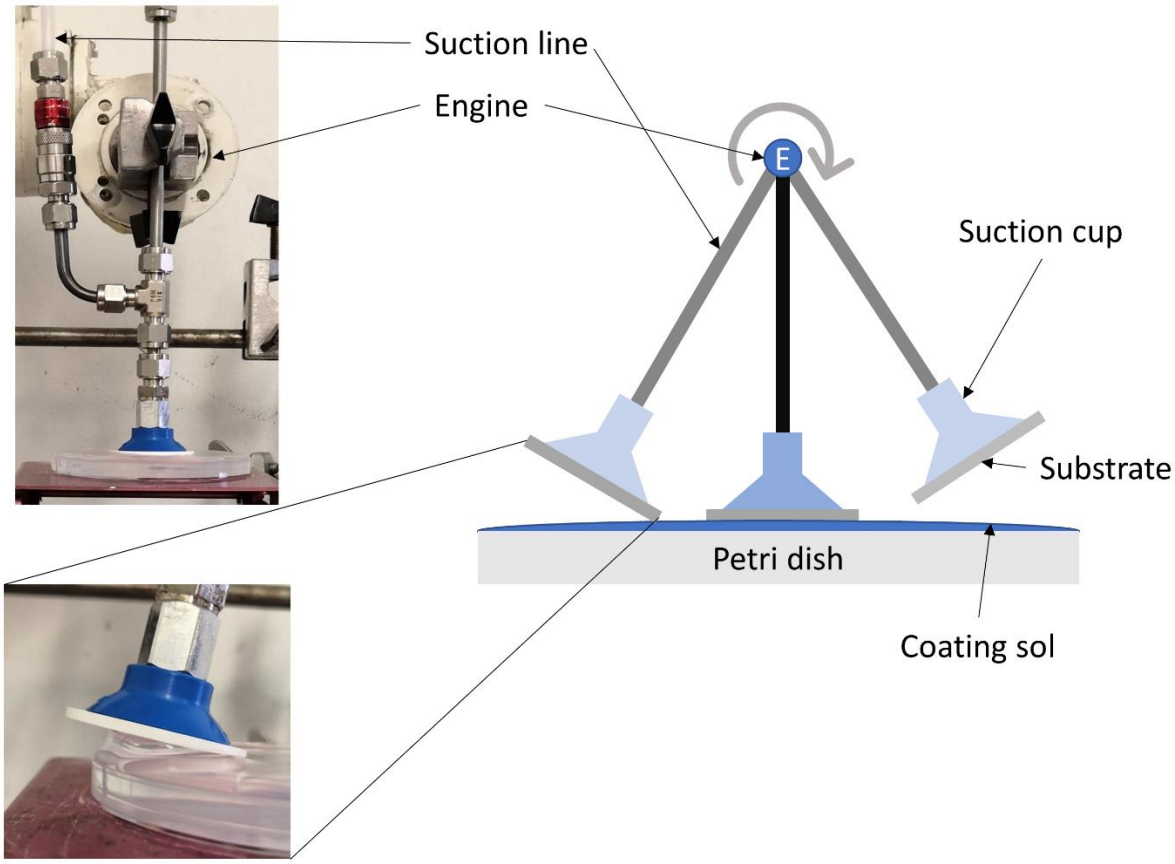


Figure S1. Rotary dip coating setup. The top left picture shows the pendulum moved by a motor in a rotary motion. At the end of the pendulum is a substrate mounted by suction. This is moved through a petri dish filled with the coating sol. The right panel shows a schematic drawing of the laboratory setup. The bottom left picture shows a magnification of the critical point where the coated substrate leaves the sol and a drop forms at the rim.

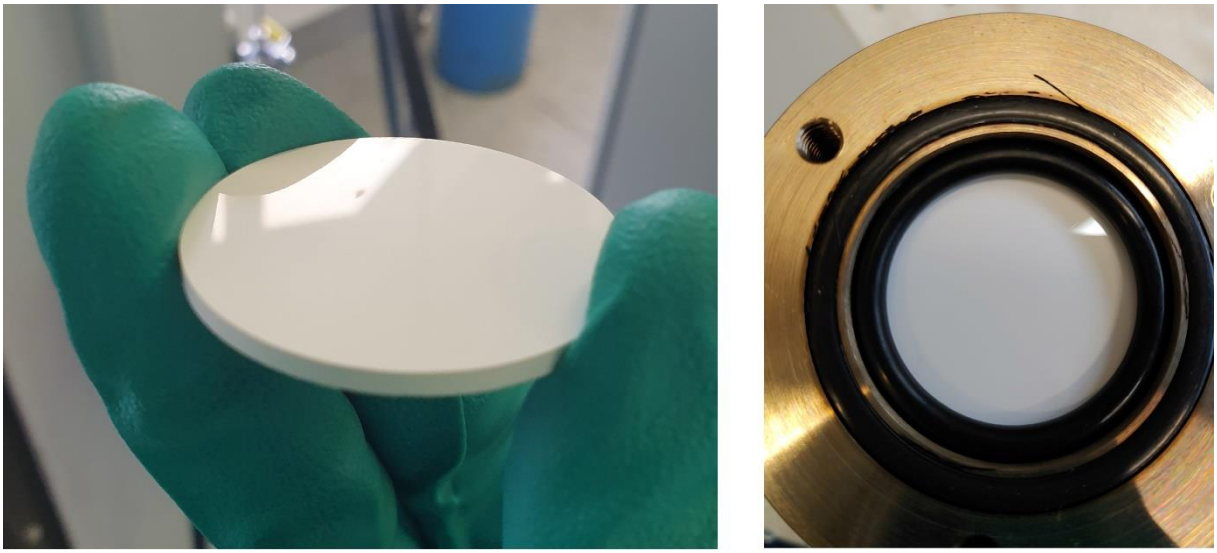


Figure S2. Photograph of the BTESE-coated Substrate in the Laboratory on the left. The same BTESE membrane inside the permeation cell on the right.