

Supplementary material

Biofouling Mitigation Approaches during Water Recovery from Fermented Broth via Forward Osmosis

Stavros Kalafatakis ¹, Agata Zarebska ², Lene Lange ^{1,**}, Claus Hélix-Nielsen ², Ioannis V. Skiadas ¹ and Hariklia N. Gavala ^{1,*}

¹ Technical University of Denmark (DTU), Department of Chemical and Biochemical Engineering, Søltofts Plads 229, 2800 Kgs. Lyngby, Denmark; stkalaf@gmail.com (S.K.); lene.lange2@gmail.com (L.L.); ivsk@kt.dtu.dk (I.V.S.)

² Technical University of Denmark (DTU), Department of Environmental Engineering, Miljøvej 113, 2800 Kgs. Lyngby, Denmark; AGZ@novozymes.com (A.Z.); clhe@env.dtu.dk (C.H.-N.)

* Correspondence: hnga@kt.dtu.dk and hari_gavala@yahoo.com

**New address: BioEconomy, Research and Advisory, Karensgade 5, Copenhagen, 2500 Valby, Denmark

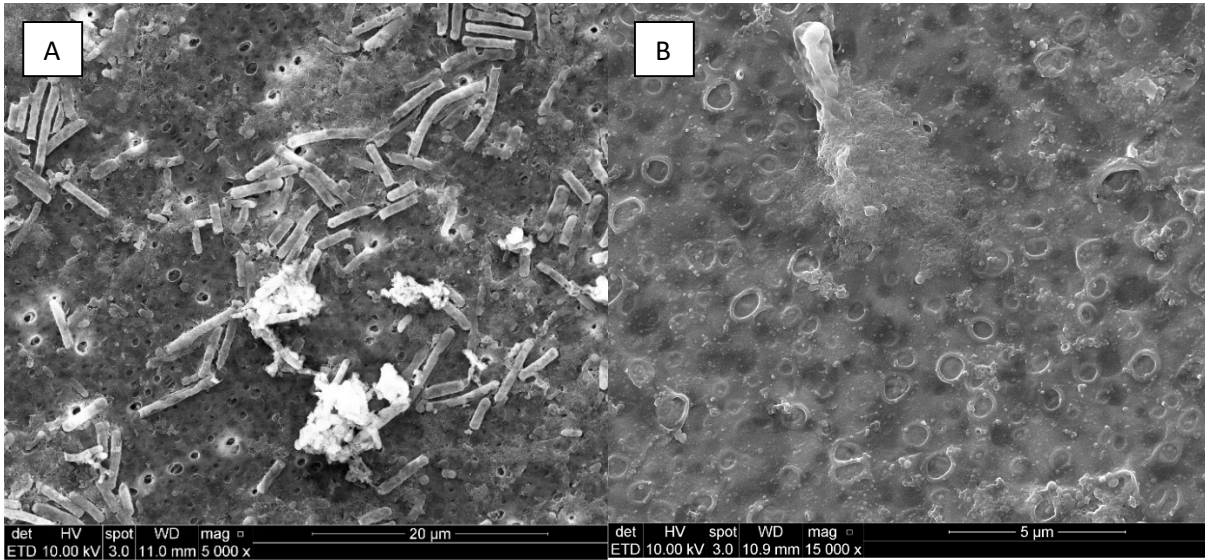


Figure S1. SEM image of active side of Aquaporin Inside™ membrane surface (set up 4). A) 5000 magnification, B) 15000 magnification.

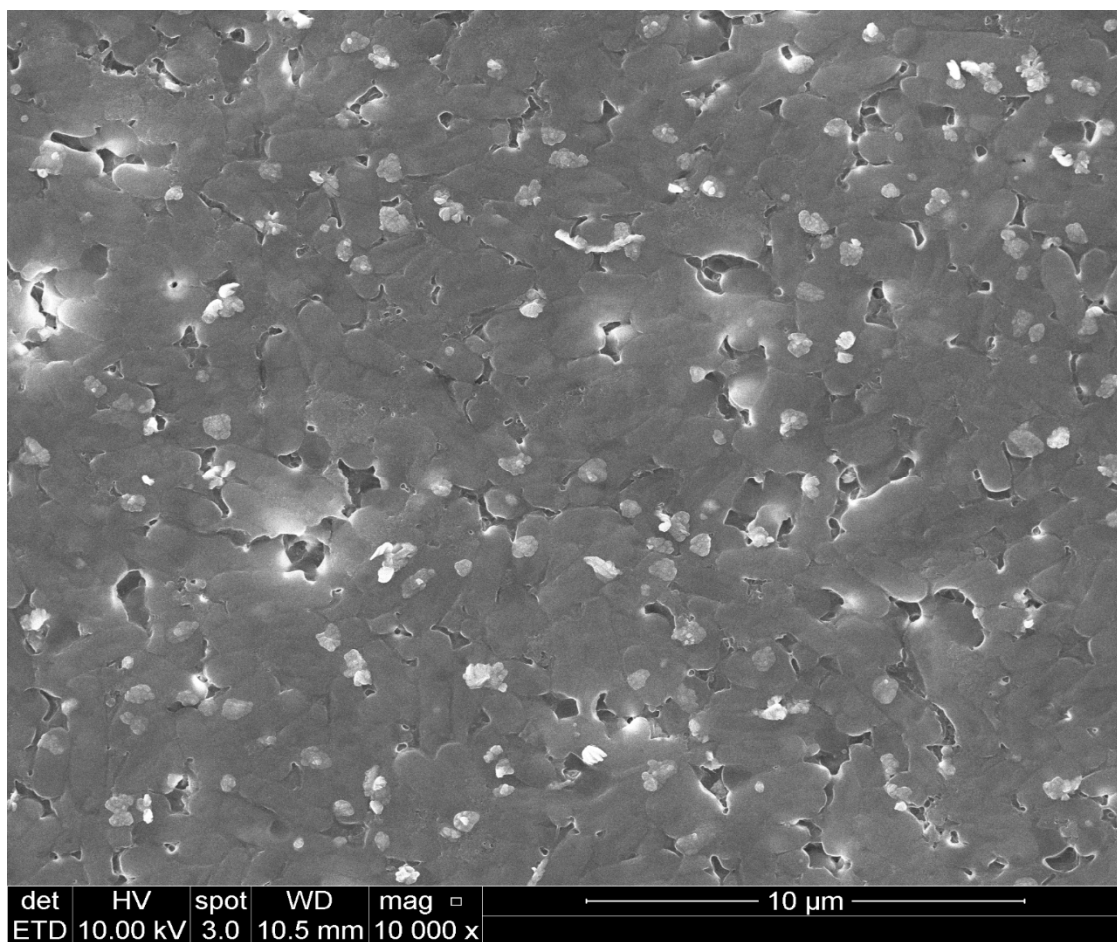


Figure S2. SEM image of active side of Aquaporin Inside™ membrane surface (set up 1).

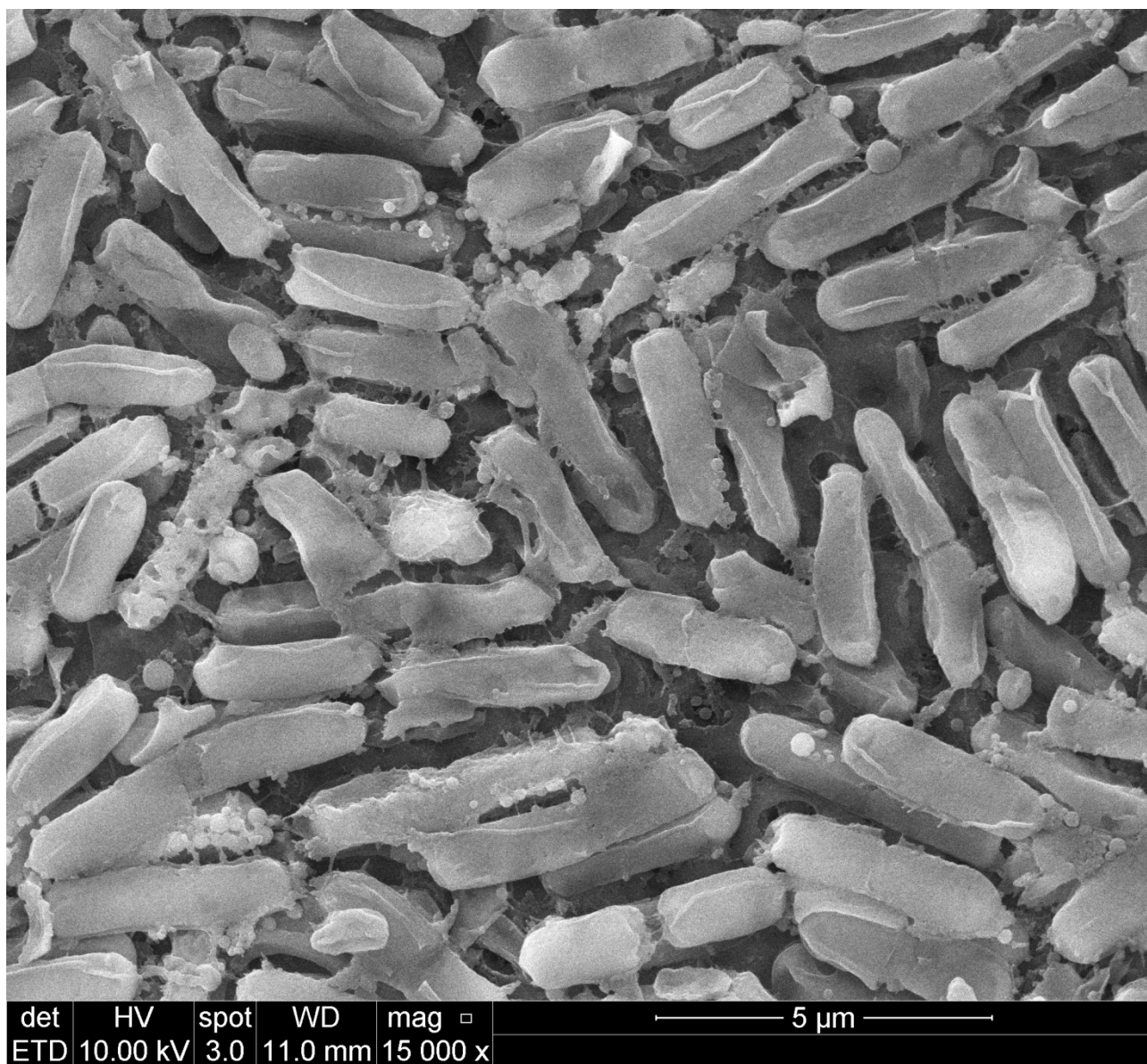


Figure S3. SEM image of active side of Aquaporin Inside™ membrane surface (set up 2).

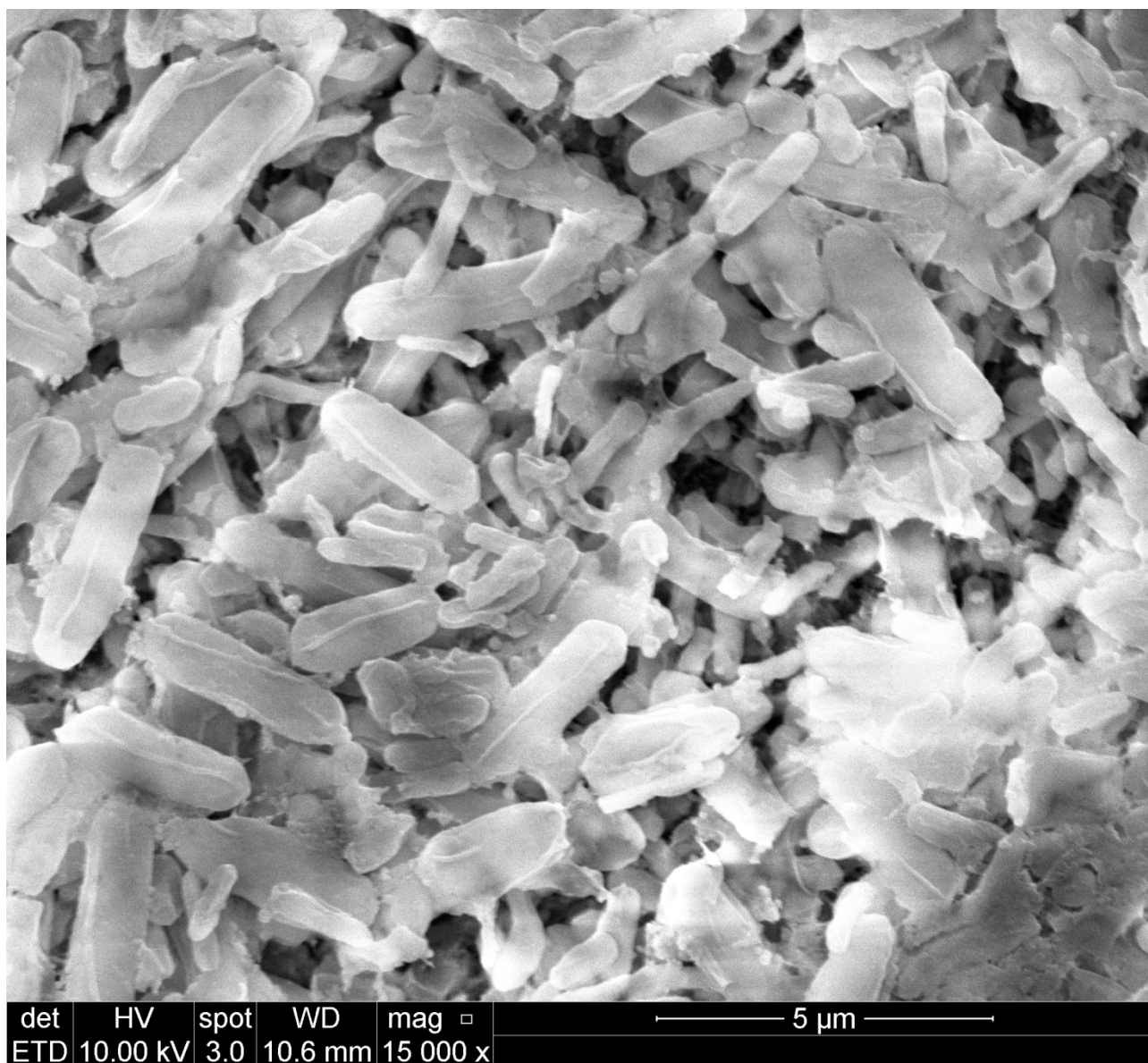


Figure S4. SEM image of active side of Aquaporin Inside™ membrane surface (set up 3).



Figure S5. SEM image of active side of Aquaporin Inside™ membrane surface (set up 5).

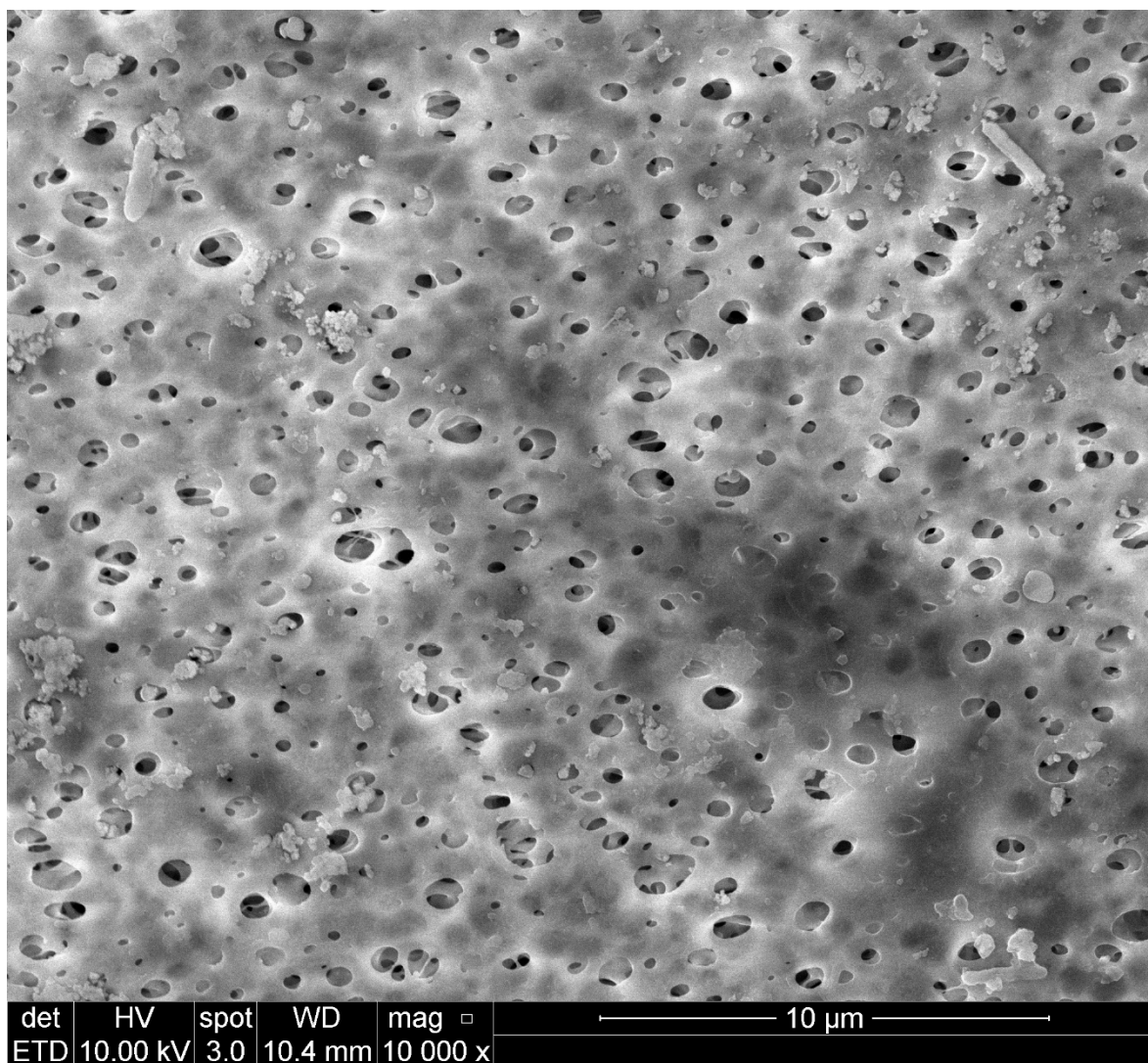
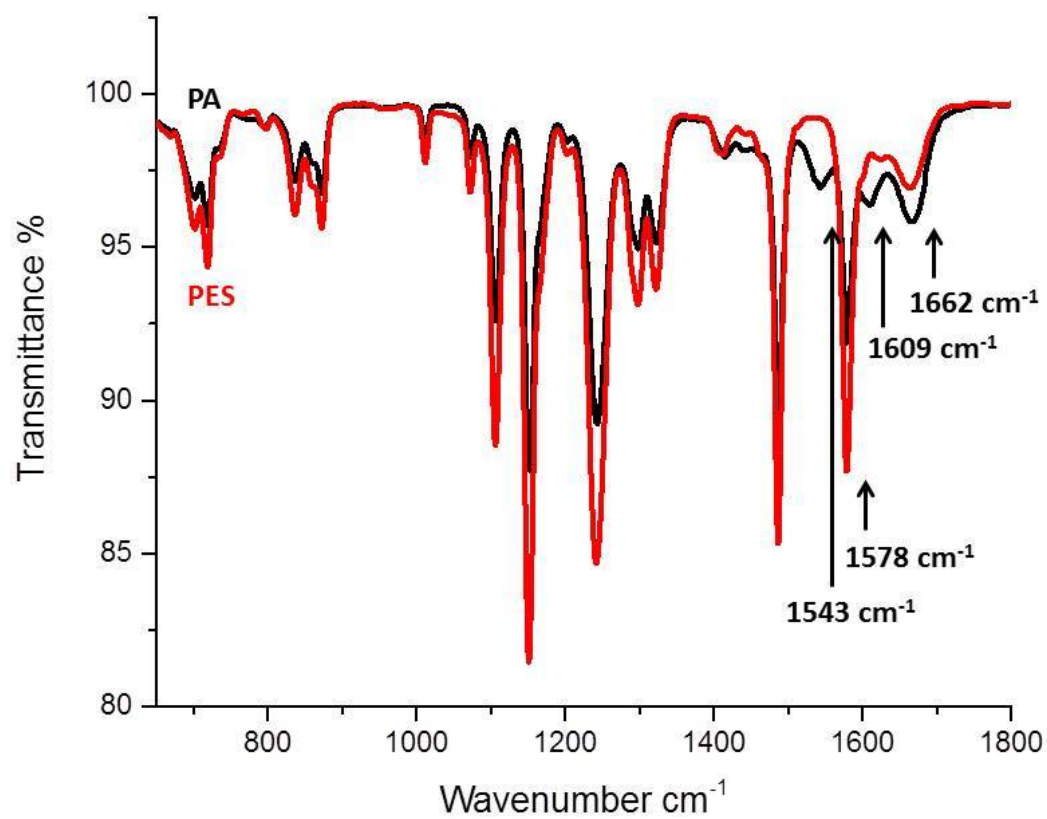


Figure S6. SEM image of support of Aquaporin Inside™ membrane surface (set up 1).



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Figure S7. ATR-spectra of clean active polyamide (PA) and support polyethersulfone (PES) side of Aquaporin Inside™ membrane.

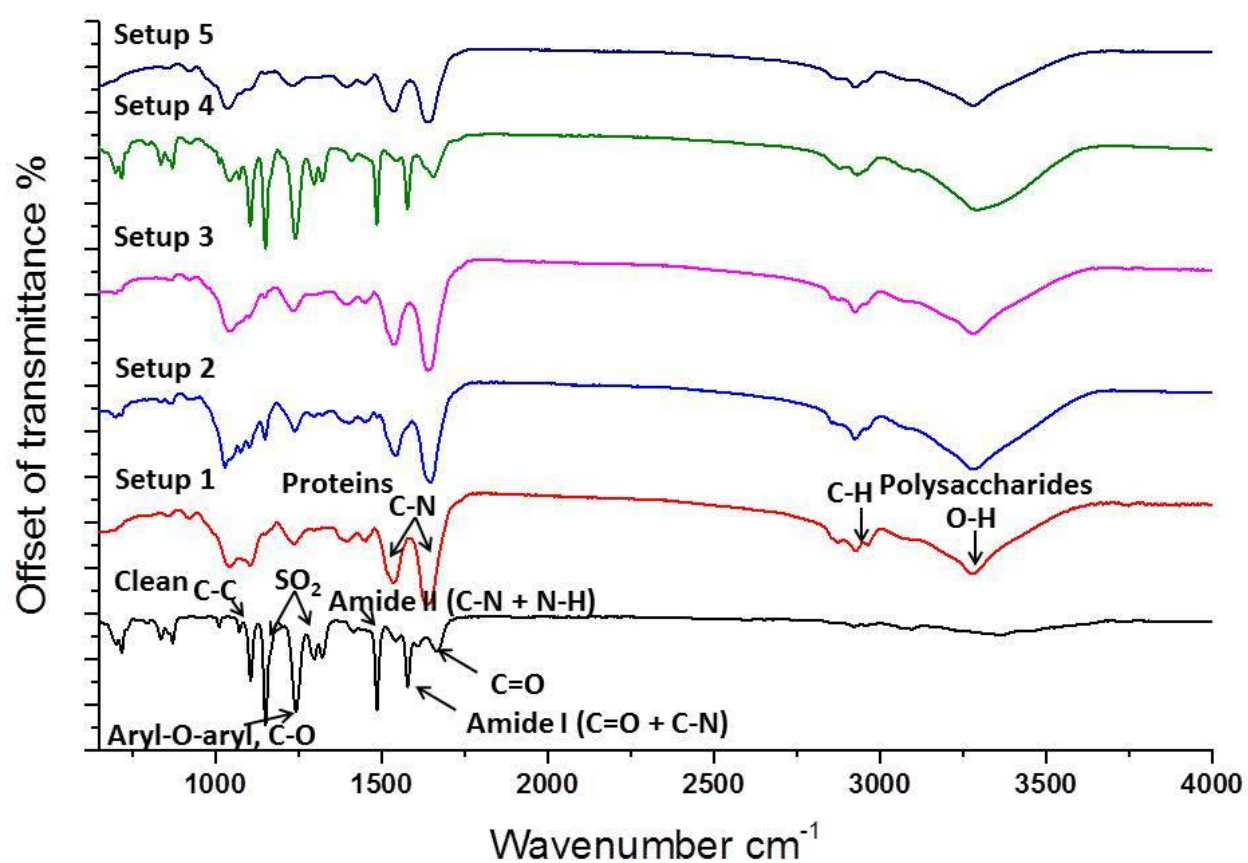


Figure S8. ATR-spectra of clean active side and fouled Aquaporin Inside™ membranes.

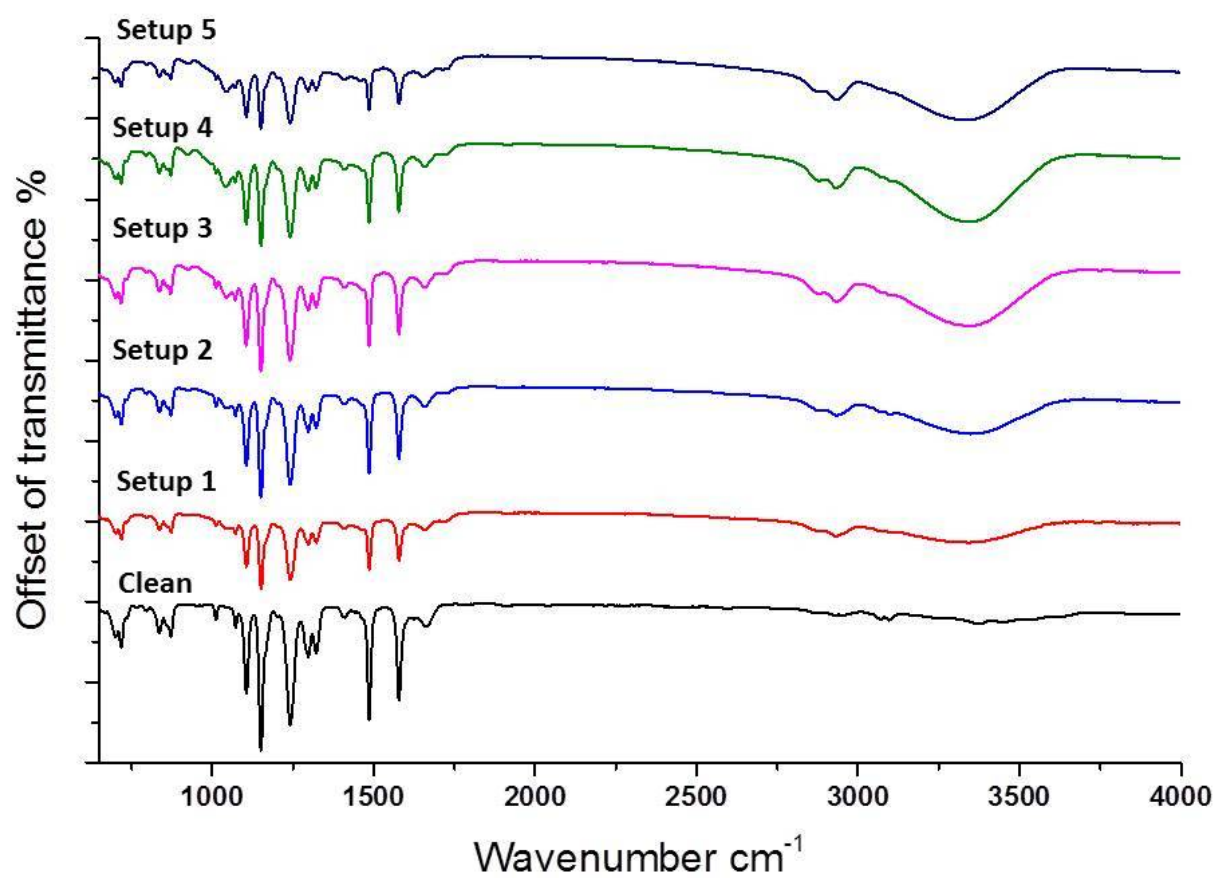


Figure S9. ATR-spectra of clean support side and fouled Aquaporin Inside™ membranes.