

Supporting information

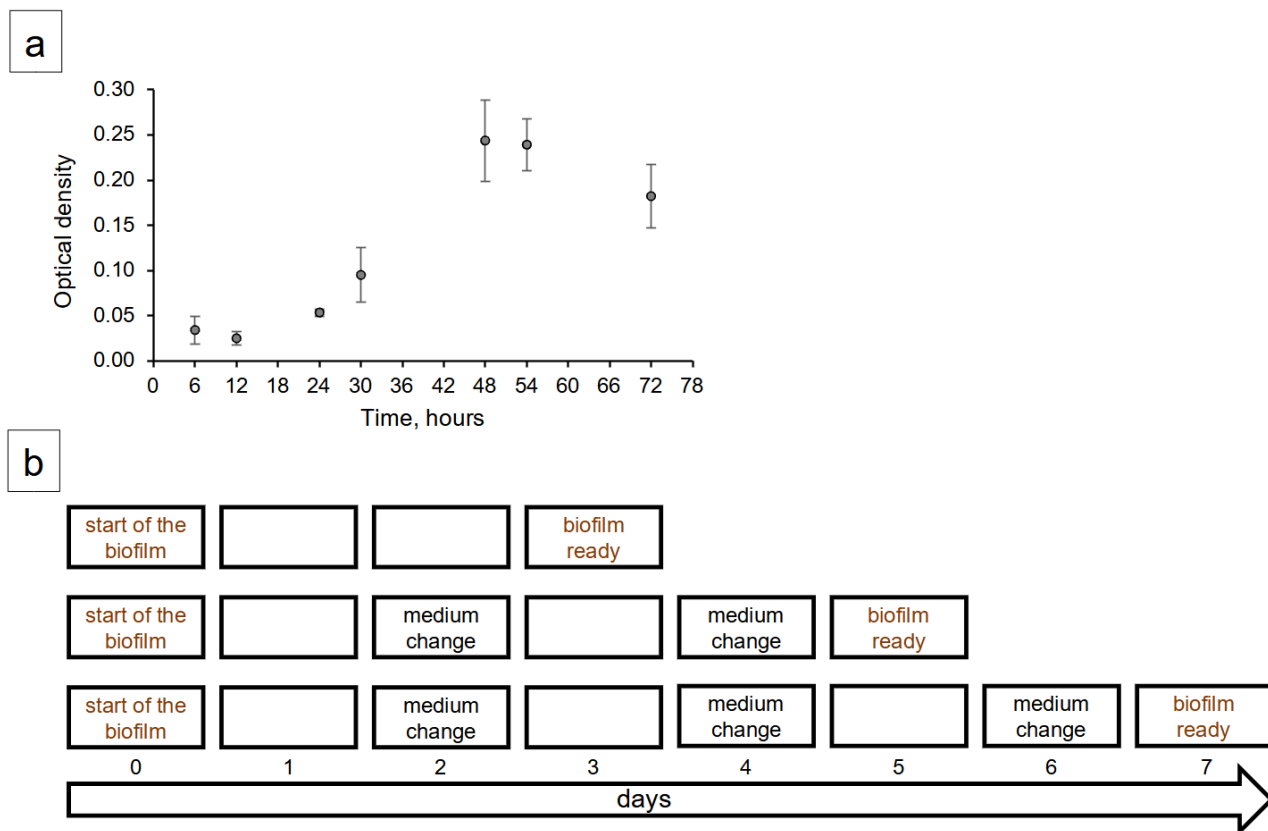


Figure S11. Preparation of *G. sulfurreducens* biofilms: a) time evolution of the optical density of *G. sulfurreducens* planktonic culture in the standard nutritive medium, b) schematic representation of the procedure for obtaining 3-, 5- or 7-day-old biofilms

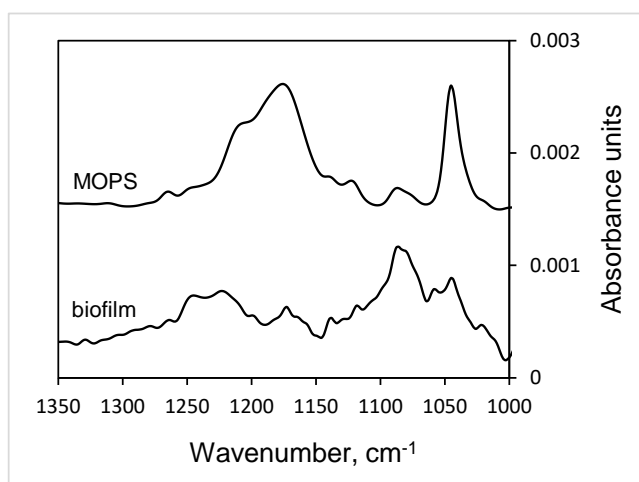


Figure S12. ATR-FTIR spectra of MOPS aqueous solution and *G. sulfurreducens* biofilm pellet suspended in the assay medium containing MOPS. A slight contribution of MOPS in the biofilm spectrum can be seen at around 1050 and 1175 cm⁻¹ due to progressive adsorption of MOPS on the ATR-crystal during spectrum recording.