

Immobilization of *Aspergillus oryzae* DSM 1863 for L-malic acid production

Supplementary material

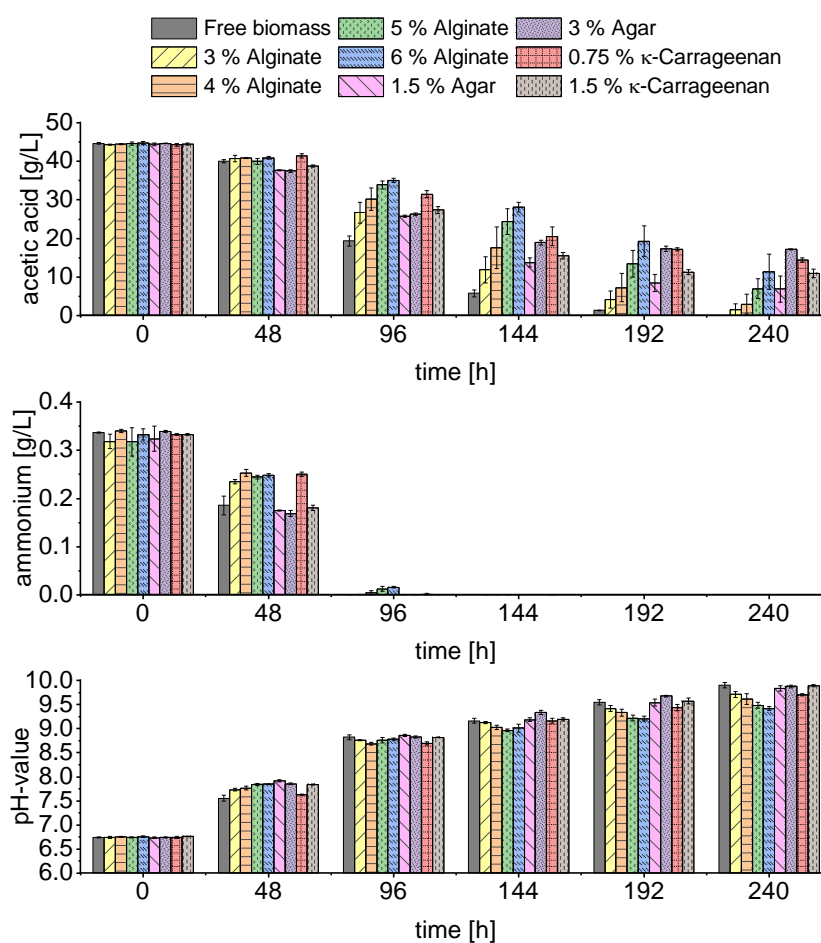


Figure S1. Acetic acid and ammonium concentration as well as progression of the pH value for shake flask experiments using acetate as carbon source. Values are means of triplicates with standard deviation.

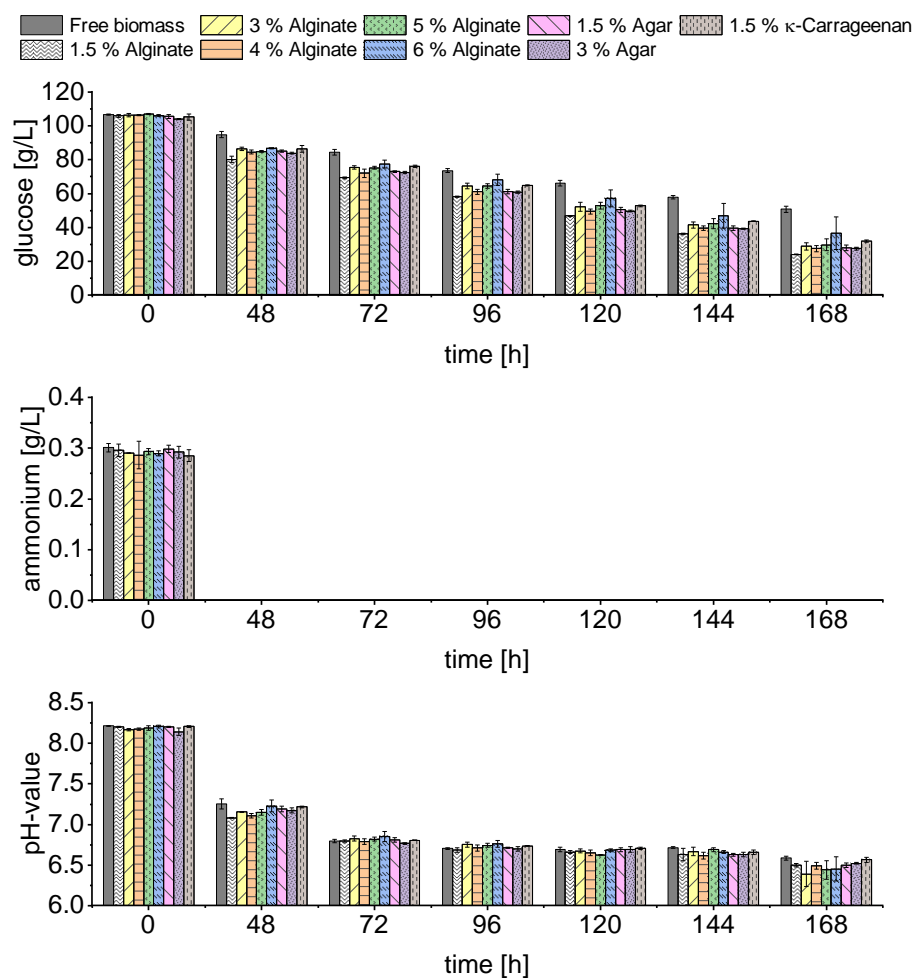


Figure S2. Glucose and ammonium concentration as well as progression of the pH value for shake flask experiments using glucose as carbon source. Values are means of triplicates with standard deviation.

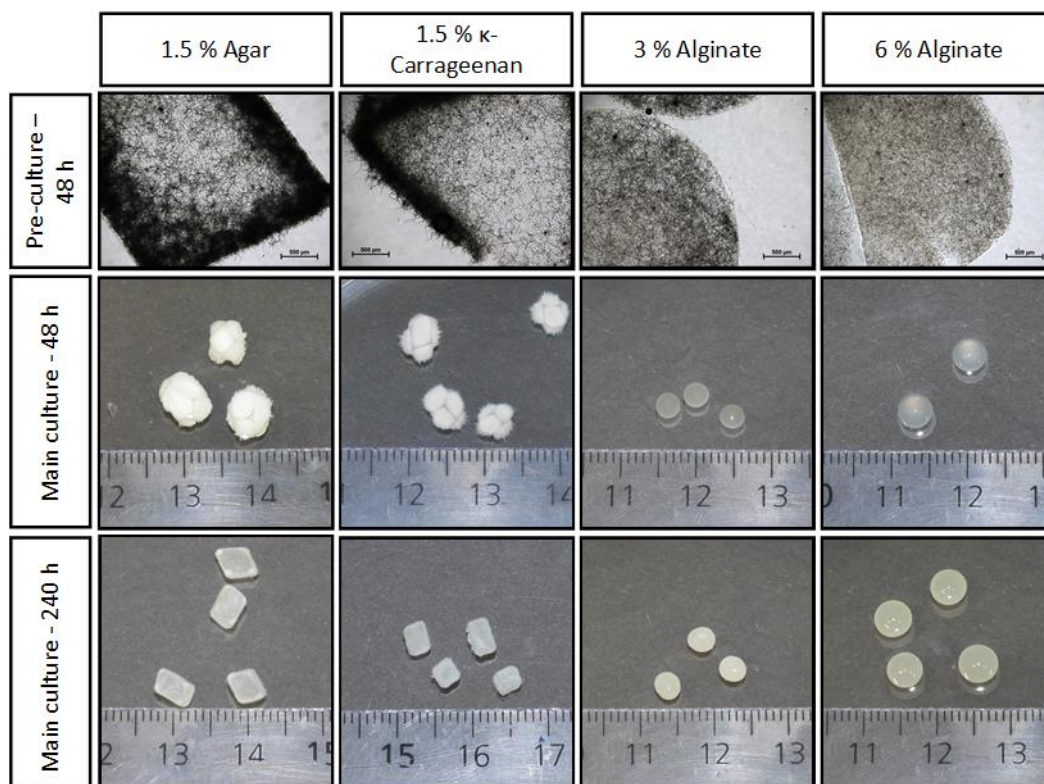


Figure S3. *A. oryzae* immobilized in different matrices in the pre- and main culture. The preculture was grown without carbon source in the medium while the main culture medium contained acetate.

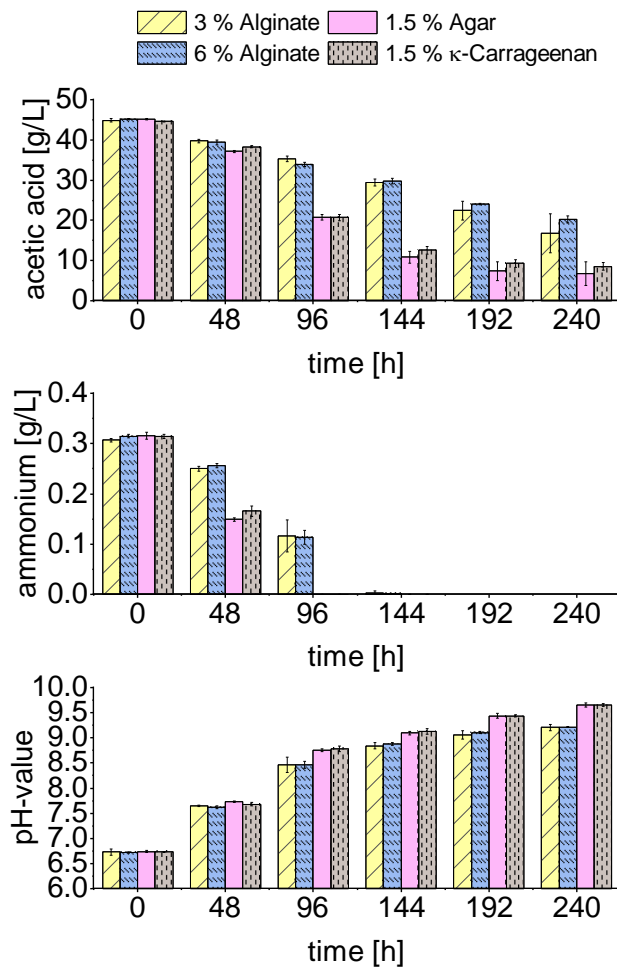


Figure S4. Acetic acid and ammonium concentration as well as progression of the pH value for main culture shake flask experiments using immobilized *A. oryzae* grown without external carbon source in the preculture. Values are means of triplicates with standard deviation.