

## Kinetic and equilibrium study of succinic acid extraction with tri-n-octylamine under the effect of pH and salts

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Liquid-liquid extraction of succinic acid by tri-n-octylamine(TOA) was conducted using a microporous membrane-based cell. The effects of pH and salts in the aqueous phase on the reaction kinetics and equilibrium were investigated. The contribution of diffusional resistance to the overall extraction kinetics was eliminated with membrane-based cell.