

Kinetics of succinic acid extraction with trioctylamine using a microporous membrane-based stirred cell

전영시, 허윤석, 홍연기¹, 홍원희*
한국과학기술원; ¹충주대학교
(whhong@kaist.ac.kr*)

Rates and mechanism of succinic acid extraction with tri-n-octylamine were investigated using a microporous membrane-based cell. The contribution of diffusional resistance to the overall extraction kinetics was eliminated. Intrinsic rate equation and a possible reaction mechanism for the formation and dissociation of the acid-amine complexes were obtained.