

Preparation and Characterization of Chitosan–Alginate Polyelectrolyte Complexes Loaded with Antibacterial Thyme Oil Nanoemulsions

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Table 1. Interpretation of diffusional release mechanisms.

Release Exponent (n)	Drug Transport Mechanism
$n < 0.5$	Pseudo-Fickian diffusion
$n = 0.5$	Fickian Diffusion mechanism
$0.5 < n < 1$	Non-Fickian diffusion (diffusion and erosion)
$n = 1$	Case 2 transport (zero order release)
$n > 1$	Super case 2 transport (erosion or relaxation)

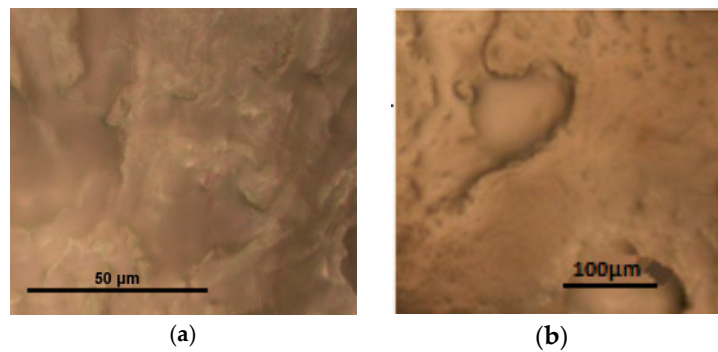


Figure S1. Optical Microscopy images of (a) PEC 0.4-TM and (b) PEC 1-TM