

**Table 2.**

Best values of the diffusion coefficients for a Fickian model

PHEMA matrix	Diffusion coefficient $\times 10^{11}$ (m <sup>2</sup> /s)		
	298 K	310 K	318 K
No drugs, water	0.82 $\pm$ 0.06	1.41 $\pm$ 0.1	1.67 $\pm$ 0.1
No drugs, SBF		0.79 $\pm$ 0.06	
Aspirin 5 wt%, water	0.84 $\pm$ 0.05	1.27 $\pm$ 0.1	1.90 $\pm$ 0.2
Aspirin 5 wt%, SBF		1.25 $\pm$ 0.1	
Vitamin B <sub>12</sub> 5 wt%, water	0.89 $\pm$ 0.06	1.25 $\pm$ 0.1	1.38 $\pm$ 0.2
Vitamin B <sub>12</sub> 5 wt%, SBF		0.74 $\pm$ 0.1	