

## SUPPLEMENTARY MATERIALS

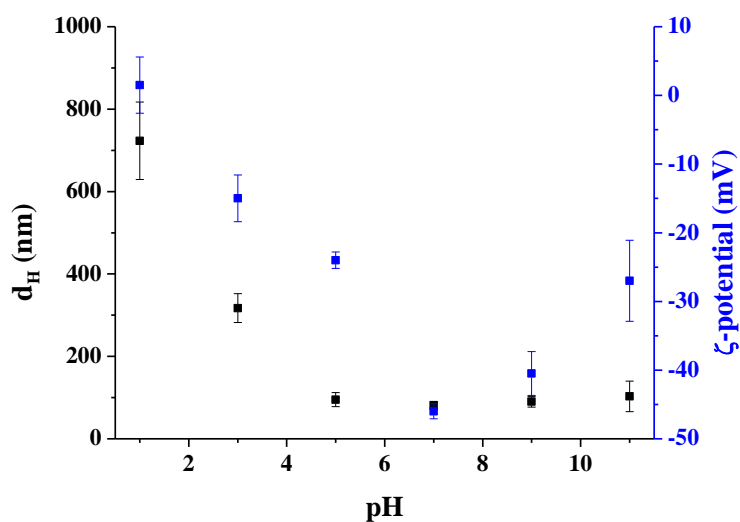
# The pH-dependent controlled release of vitamin B<sub>1</sub>: encapsulation in liposome and kinetics

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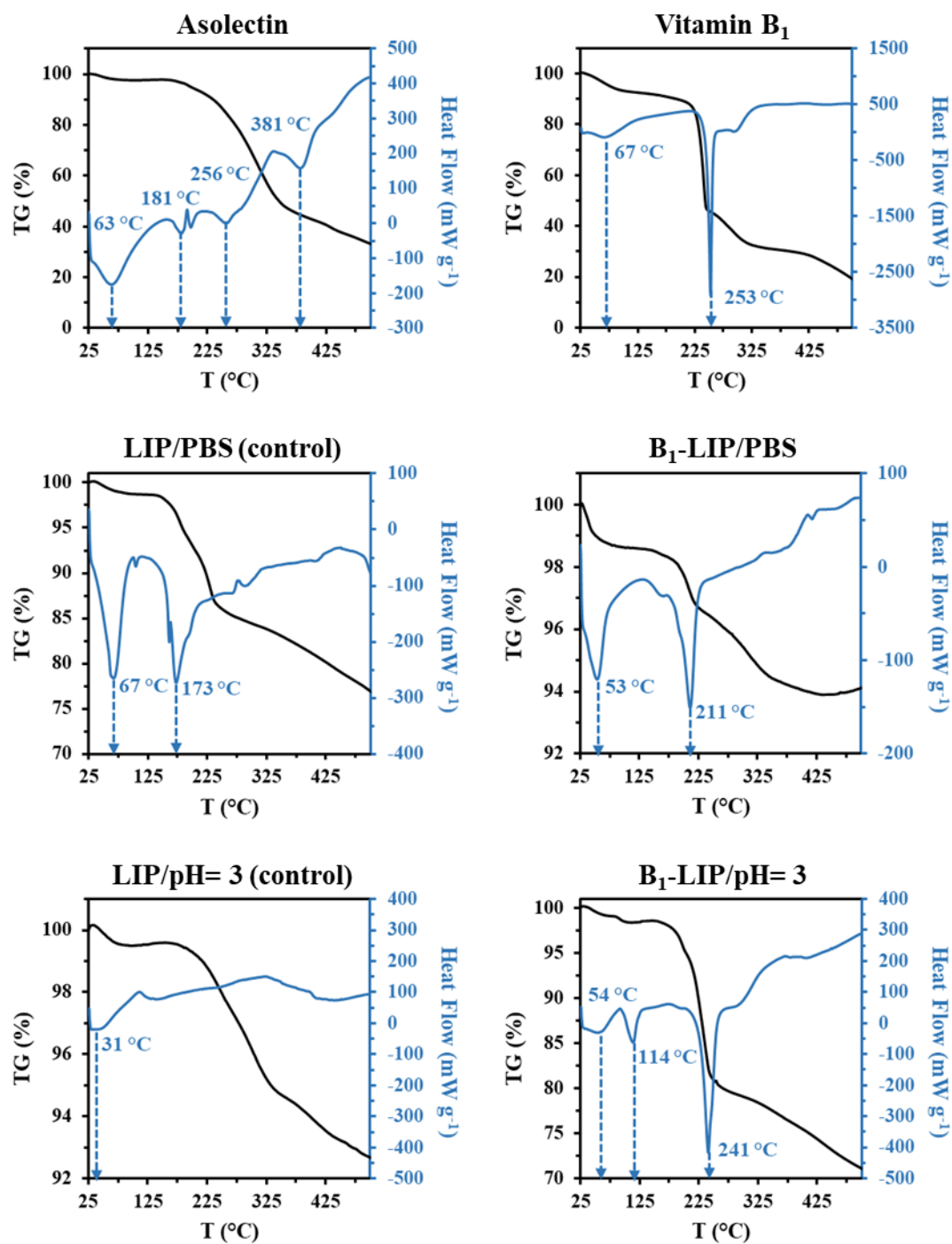
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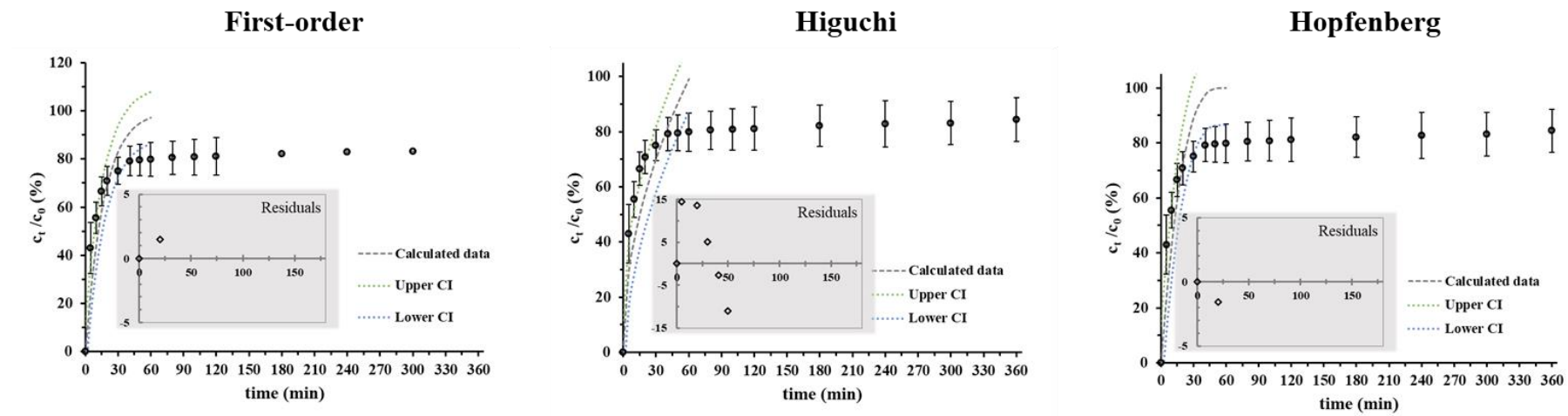
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**Figure S1.** The  $d_H$  (black) and  $\zeta$ -potential (blue) values of the empty azolectin-based liposome depending on the pH.



**Figure S2.** The TG curves of the azolectin, the vitamin B<sub>1</sub>, the empty and loaded liposomes prepared in PBS and acidic medium.



**Figure S3.** The kinetic evaluations of the LIP/B<sub>1</sub> systems by non-linear fitting of First-order, Higuchi and Hopfenberg kinetic models.