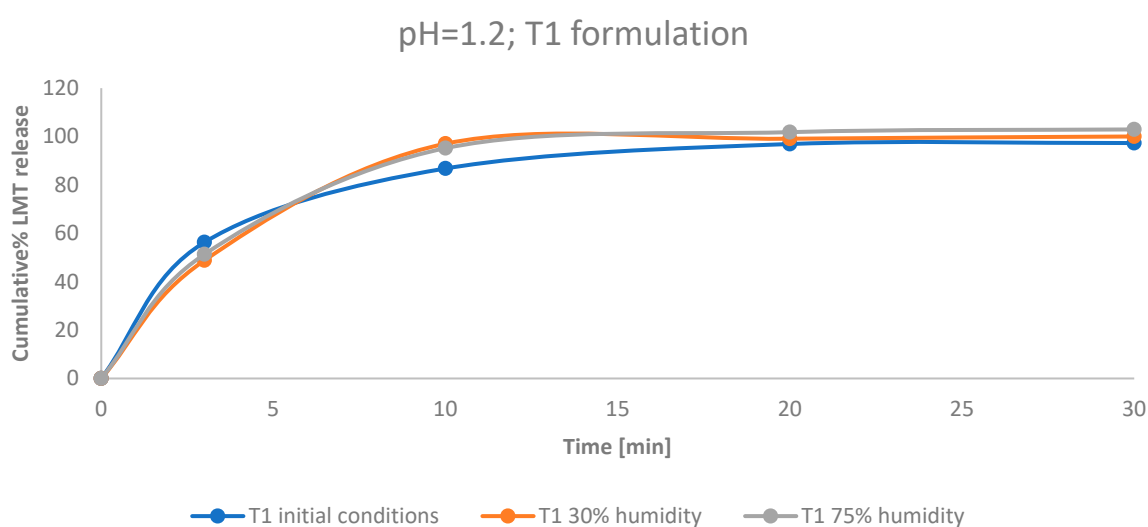
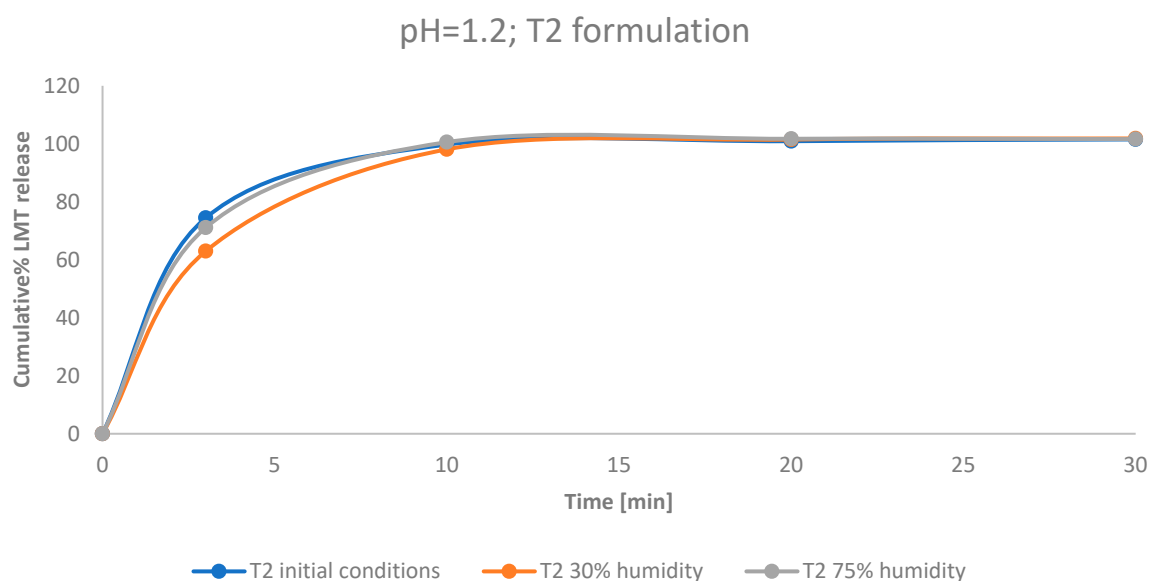


Supplementary Materials: The Effect of Humidity on the Dissolution Kinetics and Tablet Properties of Immediate-Release Tablet Formulation Containing Lamotrigine

Mladena Lalić-Popović, Gordana Švonja Parezanović, Nemanja Todorović, Zoran Zeković, Branimir Pavlić, Nataša Milošević, Jelena Čanji Panić, Ana Stjepanović and Ljiljana Andrijević

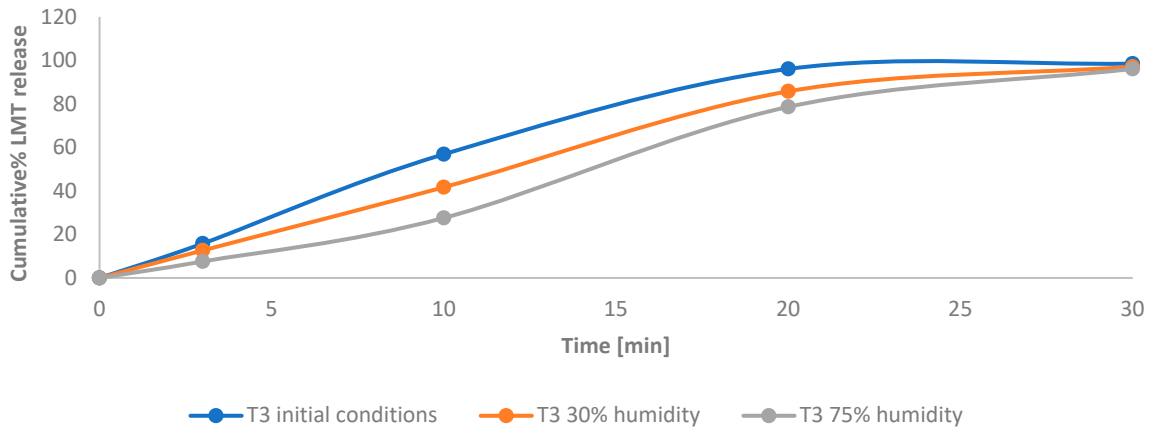


(a)



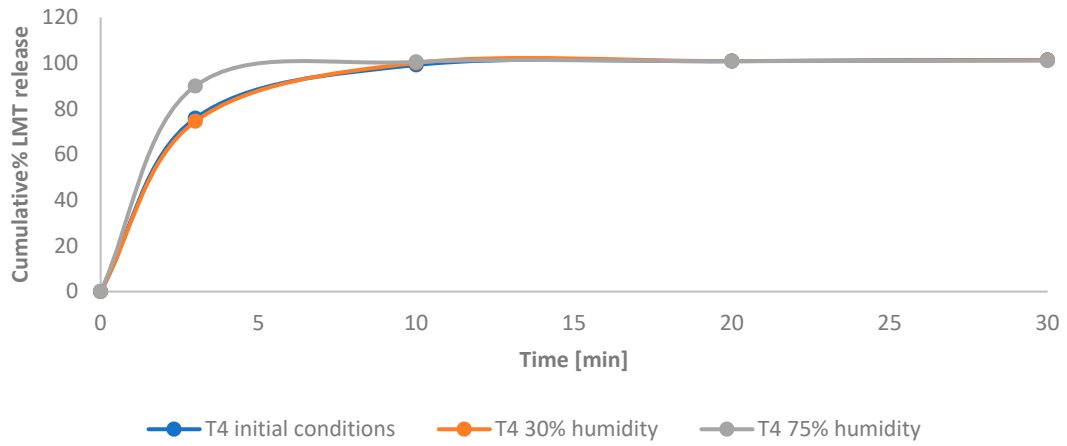
(b)

pH=1.2; T3 formulation



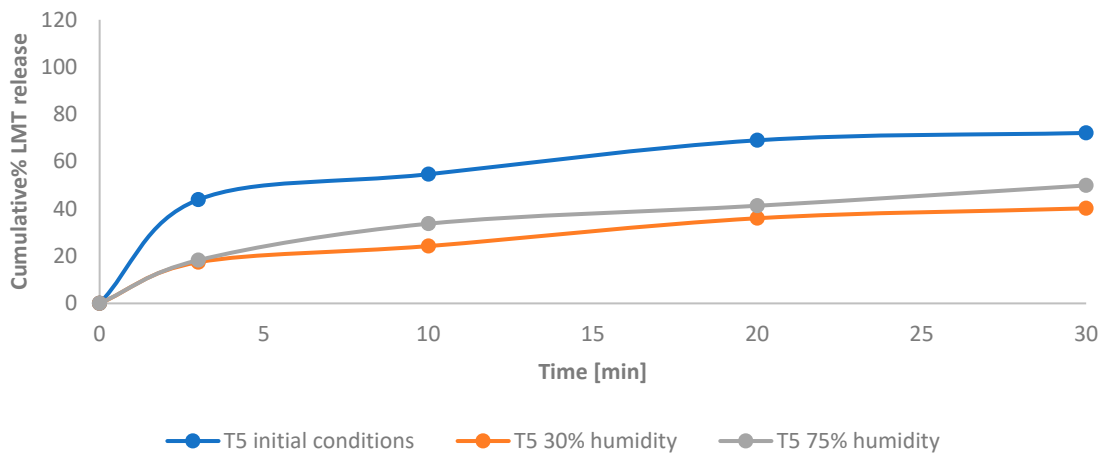
(c)

pH=1.2; T4 formulation

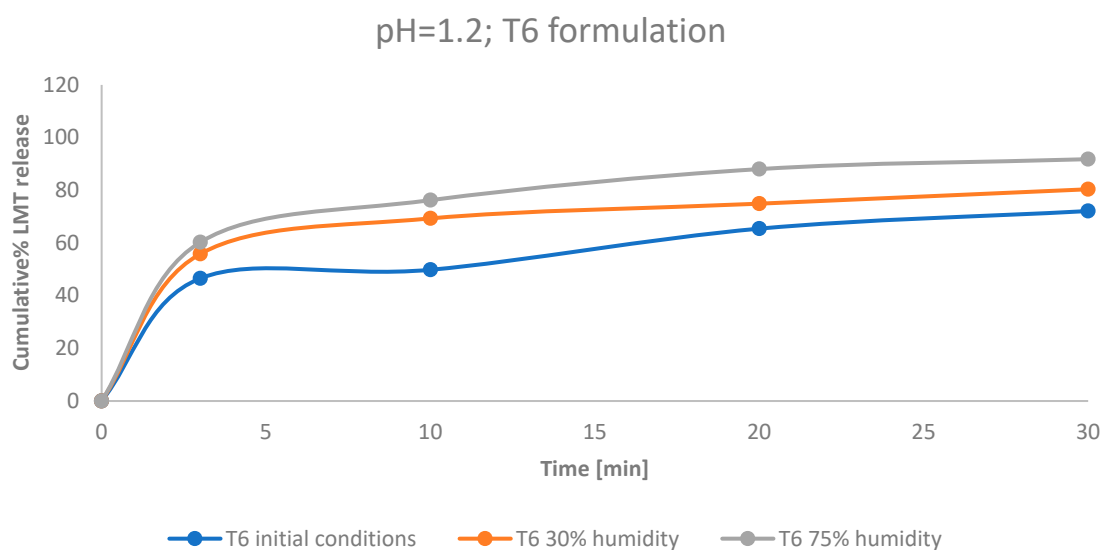


(d)

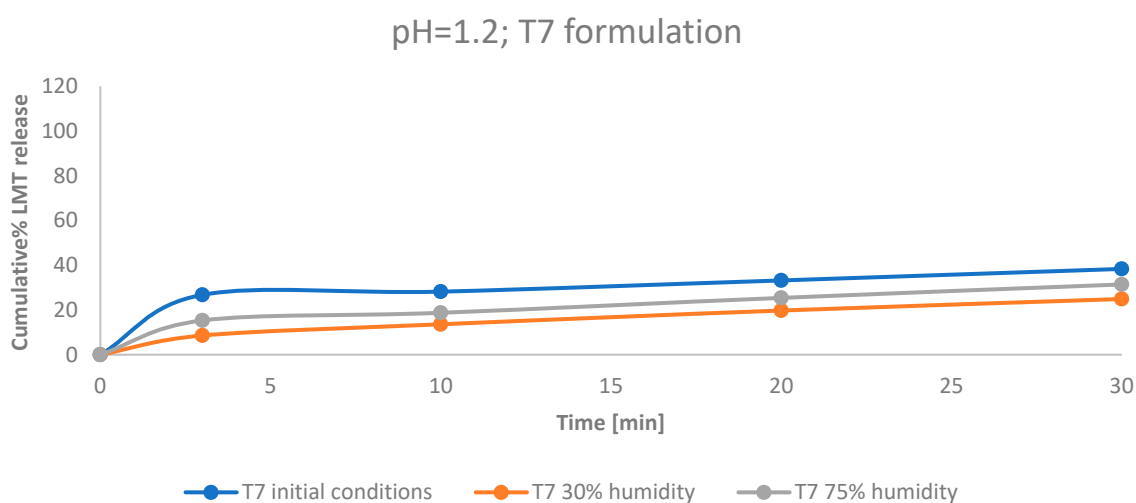
pH=1.2; T5 formulation



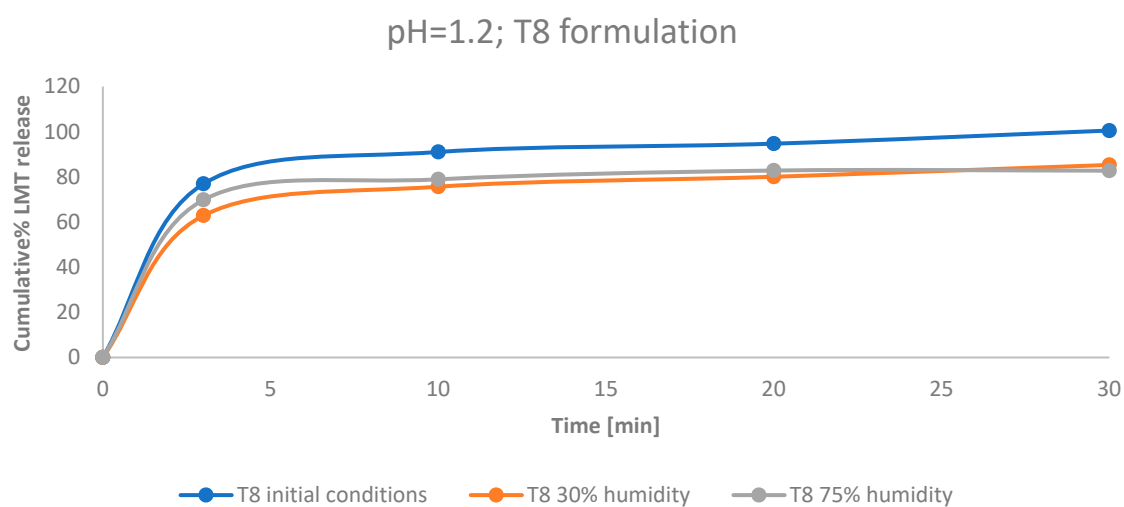
(e)



(f)

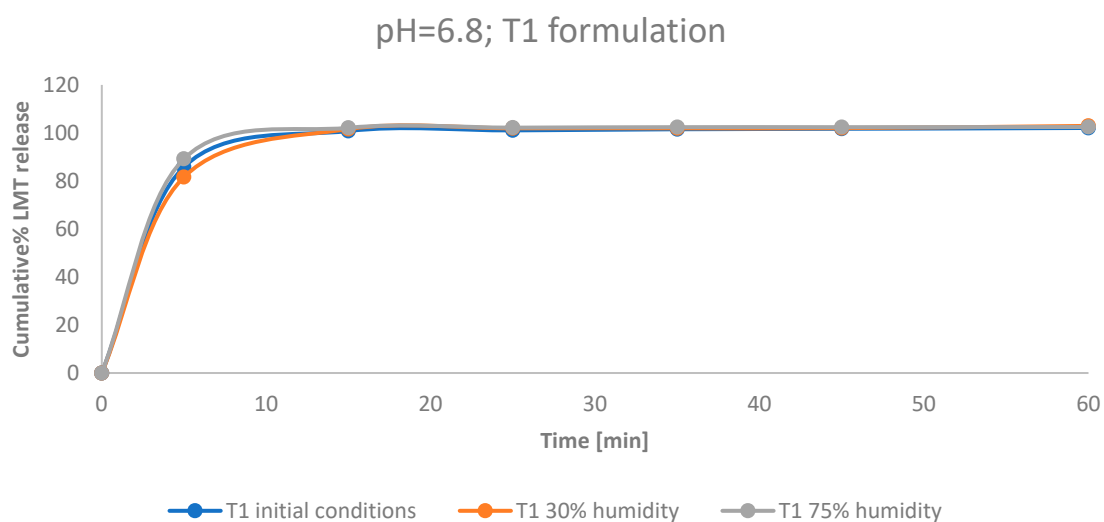


(g)

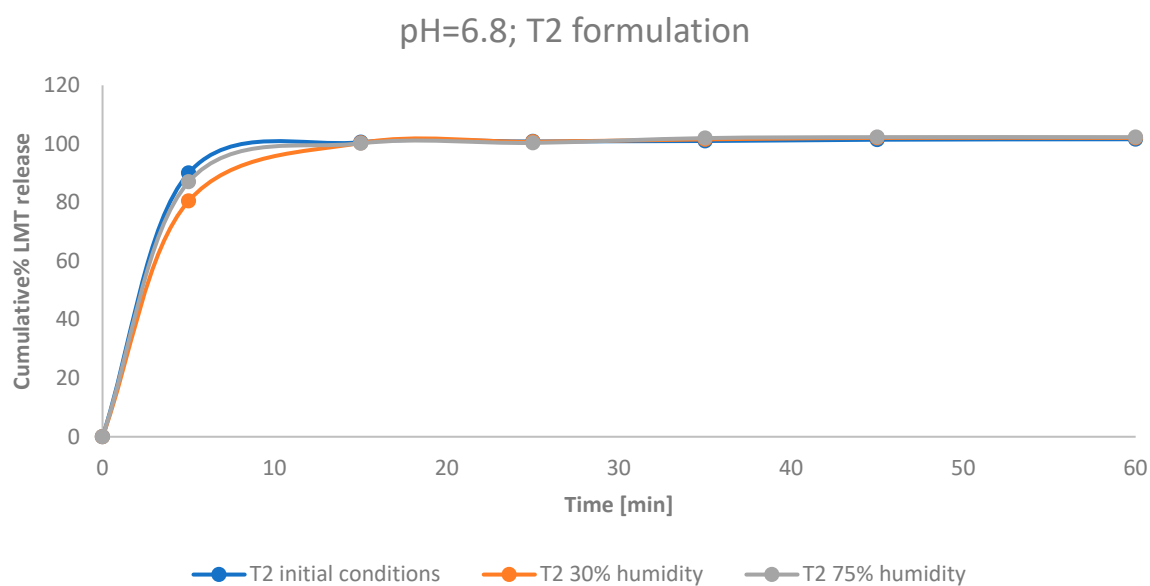


(h)

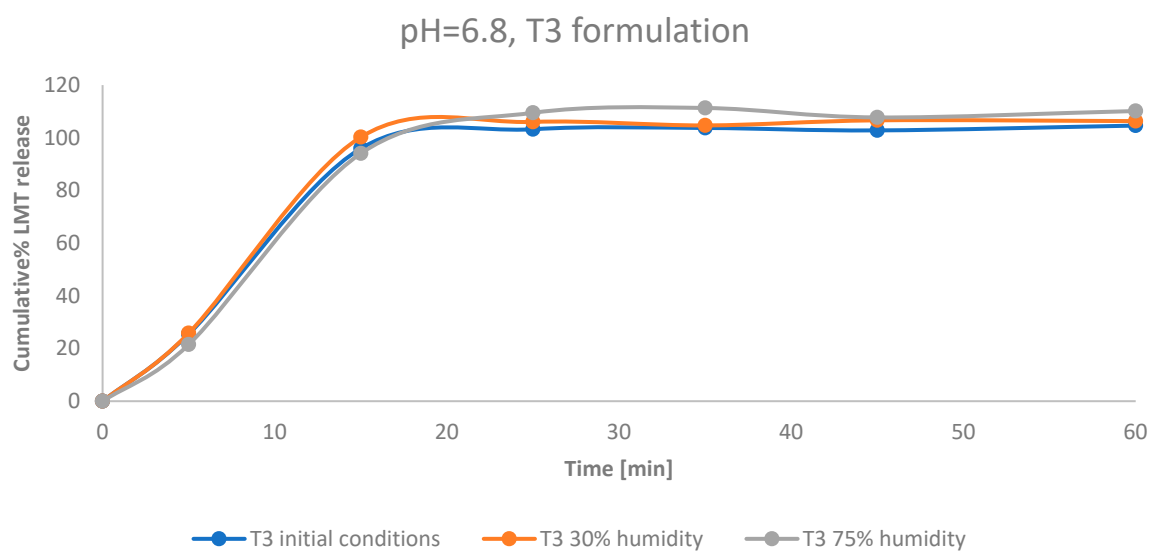
Figure S1. Dissolution profiles of LMT tablet formulations at dissolution medium pH 1.2 before and after exposure to conditions of reduced (30%) and increased (75%) humidity for formulation T1–T8 (a–h).



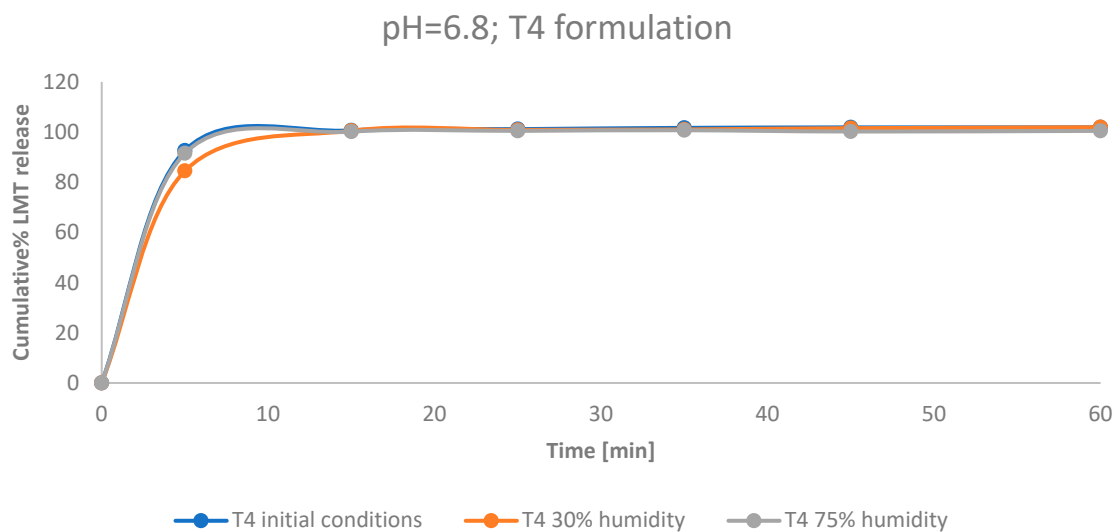
(a)



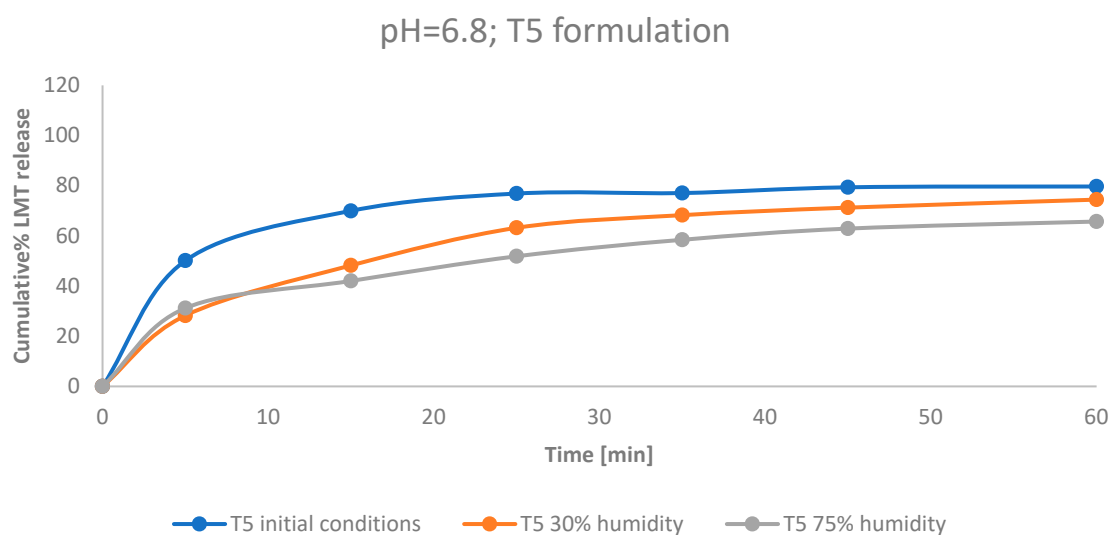
(b)



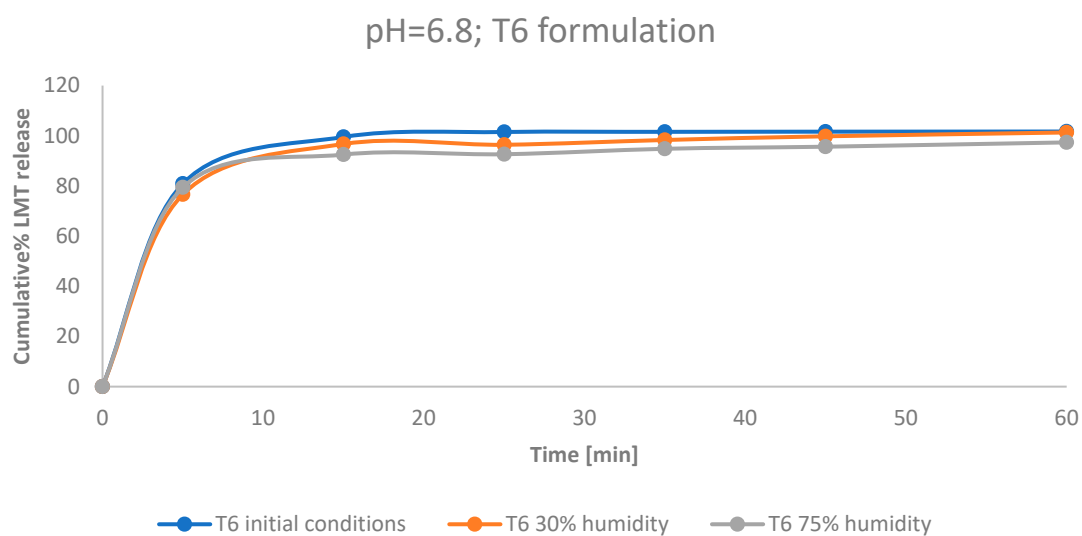
(c)



(d)



(e)



(f)

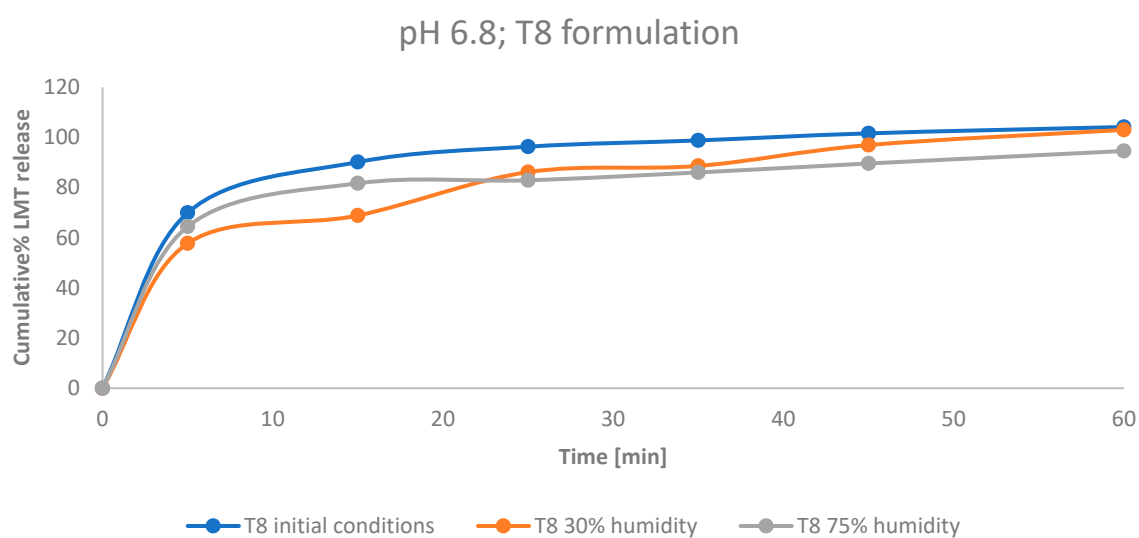
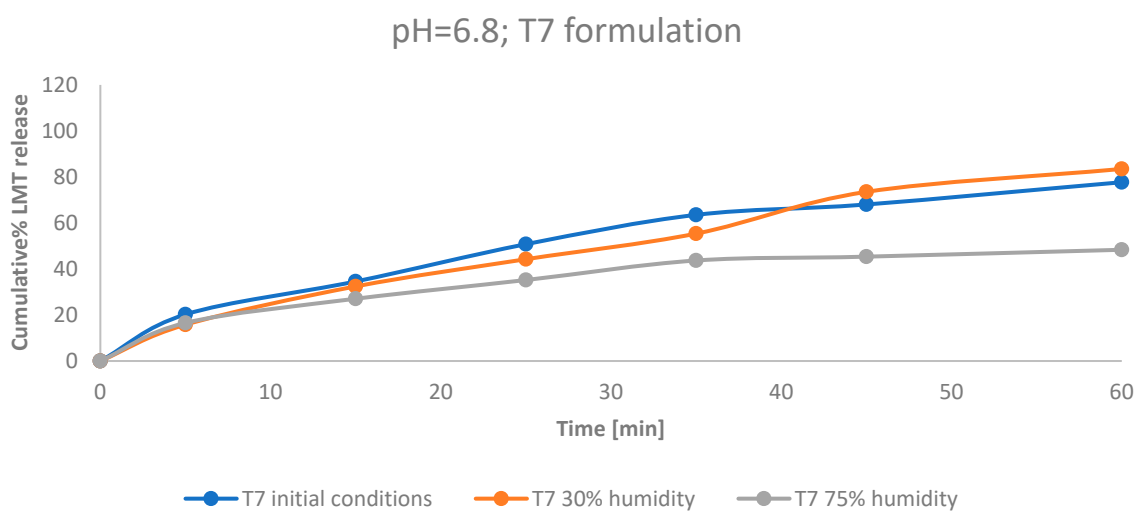


Figure S2. Dissolution profiles of LMT tablet formulations at dissolution medium pH 6.8 before and after exposure to conditions of reduced (30%) and increased (75%) humidity for formulation T1–T8 (a–h).