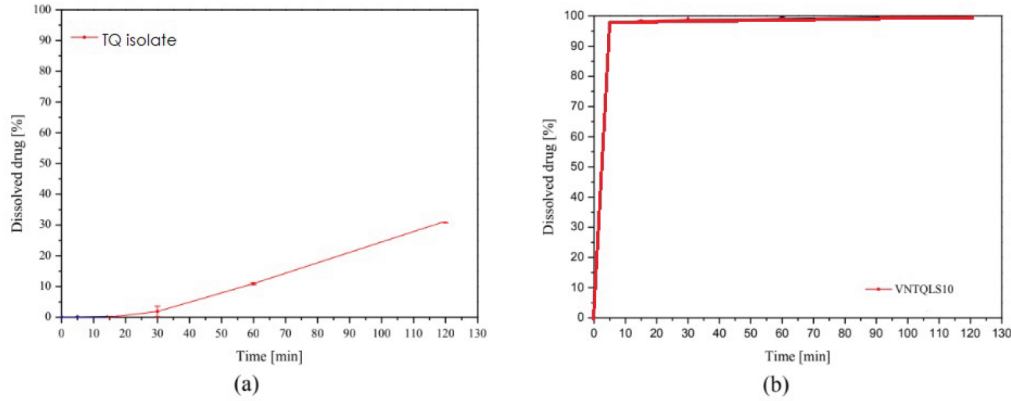


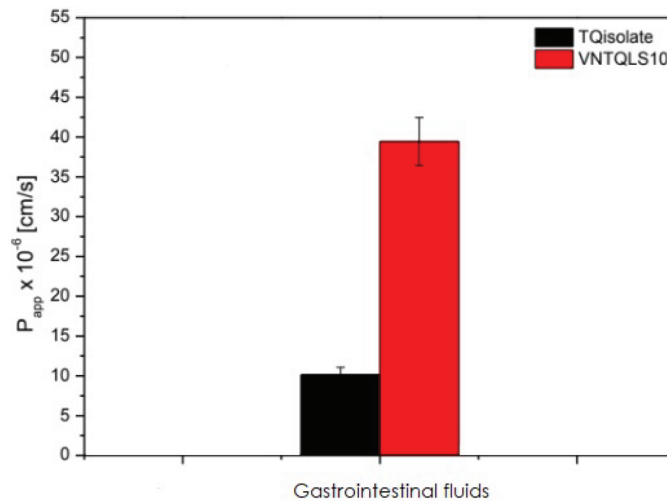
Thymoquinone VS SNEDDS™ ThymoPro™ LS (VNTQLS10) BASED ON PAMPA RESULTS

ANALYSIS CONDUCTED POZNAN UNIVERSITY OF MEDICAL SCIENCES Department of Pharmacognosy



30% of TQ isolate dissolves in about 1 1/2 hours.

98% of SNEDDS™ TQ (VNTQLS10) dissolves in 10 minutes.



SNEDDS™ VNTQLS10 showed 4 times better permeability than TQ isolate

PAMPA test results indicate the degree of passive diffusion of the VN SNEDDS™ from the GI tract directly into the circulation. In addition to passive diffusion, VN's lipid based SNEDDS™ are transported via intestinal lymphatics and bypasses degradation via first pass to the liver.