

Gallová Zuzana – Rigorózní práce – 2006

This work deals with the determination of parameters of destructive process for tablets containing acetylsalicylic acid. Dry filler microcrystalline cellulose is characterized in the theoretical part. Mechanical properties are also evaluated and theory of tablet destruction is described. The aim of the work was the determination of an optimal cycle rate and height of preloading. The determination was carried out with Acylpyrine using T1 – FRO 50 device. It follows from the results of the work that the suitable setting for measurement of mechanical resistance by means of T1 – FRO 50 instrument is cycle rate 0.6 mm/s and preloading 0.1 N.