

English Abstract Master:

Three stability-indicating methods were developed for determination of extent of drug degradation, namely densitometric TLC, derivative spectrophotometry and first derivative of ratio spectra (¹DD) spectrophotometric method for the determination of indapamide, melatonin and ergometrine in the presence of their acid and or alkali degradates. Acid degradation was designed and the main decarboxylated product was separated by TLC. Degradation products were identified using IR and MS structure elucidation confirming a delivery of pure forms.