

Interest of rheology in pharmaceutics

Lecturer

Hadj Abdelkader Sadok is presently researcher senior at Functional Analysis of Chemical Processes Laboratory, Saad Dahlab University, Blida, Algeria. He obtained a PhD degree in Industrial Chemistry in 2009 from Saad Dahlab University. His research focuses on the applications of pharmaceutical rheology and physiochemistry of complex structural systems, he has published over 30 scientific papers peerinternational reviewed journals. Hadi Sadok maintains strong collaborative links several industrial with firms in Algeria as a consultant to VENUS, BIOPHARM, and Wanylab laboratories.

Abstract

The lecture deals with some rheological approaches that can be adopted, as an alternative, to respond to certain physicochemical, physical and technological issues, during the development of liquid or pasty pharmaceutical products, of a non-Newtonian nature. Examples of real case studies of rheological evaluation, in continuous and oscillatory mode, are presented and discussed in relation to the objectives of their characteristics.