

Abstract

Diploma work deal with possibility of synthesis and determination 6-sulphatoxymelatonin on weak ion exchanger. First part is focused on synthesis, isolation and determination of 6-sulphatoxymelatonin from obtained publications, description SPE techniques and reports brief summary extraction of organic sulphates using SPE from literature. Second part of work presents results of synthesis 6-hydroxymelatonin and 6-sulphatoxymelatonin based on performed experiment.