

## **Abstract**

The paper aims to mediate thin film chromatography analysis by means of drugs commonly found in households (analgesic-antipyretics) to secondary school and grammar students, or to college students. For this purpose, laboratory tasks have been designed to cover all levels of the Bloom pyramid so that the educational potential is as high as possible. This is closely related to the topic of drug expiration and treatment. Pupils and students should take on both the competences of knowledge, skills, and attitudes.

**Keywords:** thin layer chromatography; TLC; chromatography in education; educational experiment; expiratory medication; drug handling; analgesic-antipyretics, acetylsalicylic acid, paracetamol