STUDY ON EXTRACTION PROCESS OF SUNFLOWER (*HELIANTHUS ANNUUS* L.) DRY WASTES USING DIFFERENT SOLVENTS

Olga Morarescu, Marina Grinco, Ion Dragalin, Veaceslav Kulcițki, Nicon Ungur*

Institutul de Chimie al Academiei de Științe a Moldovei, 3, Academiei str., Chisinau MD-2028, Republic of Moldova
**e-mail: nicon.ungur@gmail.com, phone / fax: (+373 22) 73 97 75*

Abstract. The content of known tetra- and pentacyclic diterpenoids in extracts of sunflower (*Helianthus annuus L.*) dry wastes has been studied using different solvents for extraction. It was established that the largest extracted quantity of *ent*-kaur-16-en-19-oic acid is obtained when ethanol and diethyl ether are used for extraction of the plant material.

Keywords: *ent*-kaur-16-en-19-oic acid, 15α-angeloyl-*ent*-kaur-16-en-19-oic acid, *ent*-trachiloban-19-oic acid, diterpene, extraction.