

Editor-in-Chief:

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Dear Editor-in-Chief

I'm sending you for publication manuscript entitled "Direct ultrasound extraction and characterization of phenolic compounds from Houseleek (*Sempervivum marmoreum* L.) fresh leaves" authors: Saša S. Stojičević, Ivana T. Karabegović, Dragan T. Veličković, Nada Č. Nikolić and L. Miodrag Lazić from the Faculty of Technology Leskovac and College of Agriculture and Food Technology Prokuplje as an original scientific work.

Authors claim that the submitted manuscript is original, has not been published elsewhere and has been written and approved by all the stated authors as well as by the responsible authorities where the work was carried out. Also, the manuscript is currently not being considered for publication by any other journal and will not be submitted for publication elsewhere while in the reviewing process in the journal *Hemijska industrija*. If accepted, it will not be published elsewhere including electronically, in the same form, in English or in any other language, without the written consent of the copyright-holder.

The paper gives an overview of the impact of power and frequency ultrasound and extraction time on the yield of total extractive matter (TES), the total phenolic content (TPC) of the total content of flavonoids (TFC) and antioxidant activity (AOA) extracts obtained from fresh houseleek leaves. The extract obtained under optimal conditions was subjected to a HPLC-DAD analysis which showed that the most abundant components are: quercetin, kaempferol 3-O-rhamnoside, Genkwanin 4'-O-glucoside, Genkwanin 5-O-glucoside, luteolin-O-5 (6'-O-malonylglucoside) and kaempferol 3-O-glucoside 7-O-rhamnoside.

Keywords: ultrasound, *Sempervivum marmoreum*, phenols, flavonoids, antioxidants, HPLC-DAD.

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