

Definition of Quality Indicators for Damascus Rose Oil (*Rosa damascena*) Flora of Morocco

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Abstract : The *Rosa damascena* (*Rosa damascena* Mill.) is an interesting medicinal plant; it is famous in different countries and has medicinal use in many cultures. The main groups of pharmacological actions of rose oil are connected with anti-inflammatory, antifungal activity, also antioxidant and antibacterial, and antiparasitic properties. We have prepared the quality indicators analysis of the Damascus rose oil. An iodine number, acid number, and oil peroxide number were determined. The following indicators of the quality of rose oil have been studied. The determination was carried out according to the pharmacopoeic methods of analysis of essential oils, the definition of peroxide number (1,971%), iodine number (3,365%), and acid number (0,0526%).

Keywords : *Rosa damascene*, *Rosa damascena* Mill., iodine number, acid number, oil peroxide number

Conference Title : ICAENRS 2022 : International Conference on Agricultural, Environmental and Natural Resource Sciences

Conference Location : Bangkok, Thailand

Conference Dates : November 29-30, 2022