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## Determination of caftaric acid in tincture and rose water obtained from *Rosae damascenae flores*

Antoanela POPESCU<sup>a</sup>, Nicoleta MATEI<sup>b,\*</sup>, Florentina RONCEA<sup>a</sup>,  
Horatiu MIRESAN<sup>a</sup> and Georgeta PAVALACHE<sup>a</sup>

<sup>a</sup>*Faculty of Pharmacy, Ovidius University of Constanta, Constanta, Romania*

<sup>b</sup>*Faculty of Applied Sciences and Engineering, Ovidius University of Constanta, Constanta, Romania*

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**Abstract.** Polyphenolic compounds were determined from a pharmaceutical (tincture) and a cosmetic preparation (rose water), both obtained from the *Rosae damascenae flores*. Separation of the phenolic compounds was done by a HPLC method, using a Zorbax XDB or equivalent column C18, 250 mm x 4,6 mm; 5 µm. A gradient elution was performed with phosphoric acid and acetonitrile eluted under gradient conditions. The flow rate was 1.5 mL/min and the injection volume was 20 µL. HPLC method for determination of caftaric acid presented in this paper, has been validated. The results were statistically analyzed with SPSS 10 software.

*Keywords:* caftaric acid, polyphenols, *Rosa damascena*.

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