Amino acid composition of the aerial part
of *G. pratense*, *G. sylvaticum*, *G. palustre*

© Ksenia N. Razaryonova, Anna M. Zaharova, Inna D. Protasova, and Elena V. Zhokhova*

1 Department of Pharmacognosy. Saint-Petersburg State Chemical Pharmaceutical Academy.
Prof. Popov St., 14. Saint-Petersburg, 197376. Russia.
Phone: +7 (812) 234-43-62. E-mail: ksundrik_kot@mail.ru
Analytical Laboratory Analyt Ltd St. Petersburg

2 JSC «Analyt Products». Bolshoy Prospect St., V.I., 31. Saint-Petersburg, 199004. Russia.
Phone: +7 (812) 325-55-02. E-mail: za@analit-spb.ru

*Supervising author; †Corresponding author

**Keywords:** amino acids, HPLC, *Geranium pratense*, *Geranium sylvaticum*, *Geranium palustre*, phenylisothiocyanate.

**Abstract**

Amino acid composition of the aerial part of *G. pratense*, *G. sylvaticum*, *G. palustre* was evaluated by reversed-phase HPLC method with UV-detection. The method includes derivatization of amino acids using phenylisothiocyanate solution in isopropanol.