

## Anthocyanins profile of *Vaccinium myrtillus* alcoholic extracts revealed by electrospray ionization/mass spectrometry

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**Abstract.** Alcoholic extracts of blueberries, *Vaccinium myrtillus* (bilberry), were analyzed by electrospray ionization - mass spectrometry (ESI-MS), in order to identify the anthocyanins in these extracts. The anthocyanin aglycons, cyanidin, peonidin, petunidin and some glycosides such as petunidin 3-rutinoside, peonidin 6-acethyl-3-glucoside, malvidin 3-arabinoside, delphinidin 3-arabinoside, cyanidin 3-xyloside (or cyanidin 3-arabinoside) were confirmed to be present in *Vaccinium myrtillus* extracts.

*Keywords:* anthocyanins extract, *Vaccinium myrtillus*, ESI-MS.

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