

Method for quantitation of phenolic glycosides (eleutherosides B and E) in dry extract of *Eleutherococcus*

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Keywords: eleutherosides, chromatography, quantitation, validation method.

Abstract

The article presents a modified method for the quantitation of eleutherosides B and E in the dry extract of *Eleutherococcus senticosus* (Rupr. Et Maxim.) Maxim, in that the dry extract of *Eleutherococcus* contains the greatest number of these phenolic glycosides. Pharmacological effect is also associated with the action of these eleutherosides. In connection with the above, it is important to develop and validate a method for determining eleutherosides B and E. Quantification of eleutherosides B and E was performed by HPLC. Chromatography was conducted in parallel with the standard sampling of eleutherosides B and E as described below. Validation method is presented by the following characteristics: specificity, linearity and limit of quantification.