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Development of assay methods for identifying methylxanthines in ilex paraguariensis for comparative analysis of raw composition

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Abstract

A methods of assay of methylxanthines was developed, a comparative analysis of the quantitative content of methylxanthines in samples of Ilex paraguariensis, differing in duration, type of drying and length of ageing was performed. HPLC analysis showed that the concentration of methylxanthine varies extensively in various grades of raw materials.