

Development and Validation of Analytical Method for Determination of Medroxyprogesterone Acetate in Capsules: a Chemometrical Approach

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SUMMARY. Oral medroxyprogesterone acetate (MPA) is used for dysfunctional uterine bleeding, secondary amenorrhea, mild or moderate endometriosis, and as progestin combined to estrogen in hormone replacement therapy.. There isn't any pharmacopeic method to assay this drug in capsules. It was proposed and validated a method for determining the content of medroxyprogesterone acetate in capsules by HPLC methodology. The method was validated for specificity, linearity, precision, accuracy and robustness. The security of data was guaranteed by a varied statistical analysis with the aid of a statistics approach.

KEY WORDS: Liquid chromatography, Medroxyprogesterone acetate, Validation studies.

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