

3636821 PYPY/M : MAJOR : PHARMACY; M.Sc. (PHARMACY)
KEY WORD : *Centella asiatica* / TERPENE / HPLC / COLORIMETRY
ARUNYA SRIBUSARAKUM : CHROMATOGRAPHIC
DETERMINATION OF ACTIVE CONSTITUENTS OF *Centella asiatica* (Linn.)
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Ph.D. 95 p. ISBN 974-589-193-2

Centella asiatica extract containing asiaticoside, madecassic acid, terminolic acid and asiatic acid was studied in order to develop a proper analytical method for quality control of these substances in pharmaceutical dosage forms. The spectrophotometric method for determination of asiaticoside by using anthrone as the reagent was investigated. The reaction conditions such as temperature, time, concentration of reagent etc. were studied. This method could not be applied for determination of asiaticoside in pharmaceutical preparations (tablet and injection forms). The studied conditions revealed too high values of percent recovery, indicating an interference from common excipients.

A reversed phase high performance liquid chromatographic method (RP-HPLC) was developed and validated for simultaneous determination of active constituents from *C. asiatica*. The optimal chromatographic conditions were obtained on C₁₈ column by using a linear gradient of acetonitrile in water. This developed method could be applied for the determination of active constituents of *C. asiatica* in pharmaceutical preparation, tablet.