

## Standardization Of The Excipients In Capsules Of Dry Extract Of Valerian (*Valeriana officinalis*) Produced In The Living Pharmacy Project In Ceará, Brazil.

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The Living Pharmacy Project is the first pharmaceutical social assistance project developed in Brazil based on the scientific use of medicinal plants. Among the standardized formulations in gelatin capsules hard, stands out the dry extract of valerian. The formulation of these capsules requires an addition of excipients, that has important role in the quality, safety, and performance of the drug. The purpose of this study was to standardize the excipients for capsule formulations produced in the Living Pharmacy Project. Was conducted a literature review of the various excipients and herbal medicines and analysis of the package leaflet of the drugs. Thirty capsules of the phytotherapeutic agent were produced and subjected to quality control to evaluate the average weight variation, including the coefficient of variation and standard deviation, and the variation in the theoretical contents of the capsules. The suggested excipients for the Valerian formulation were magnesium stearate (0.5%) as a lubricant, colloidal silicon dioxide (1%) as a glidant, pharmaceutical talc (1%) as adsorbent, pharmaceutical starch (73%) as a hydrophobic diluent, and lactose monohydrate (24.5%) as a hydrophilic diluent. All quality control results met the pharmacopoeia specifications.