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## Extraction, Identification of Quassia A. Bark Preparation and Evaluation of Quassia Gel

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### ABSTRACTION:

Plant basis medicine has becomes an item of global importance both medicinal and economical. Although usage of these herbal medicines has increased, their quality, safety and efficiency are serious concerns in industrialized and developing countries. Herbal remedies are getting increasing patient compliance as they are devoid of typing side effects of allopathic medicines. The present research has been undertaken with the aim to formulate and evaluate the herbal gel containing quassia amara bark extract. The gel formulation was designed by using carbopol 934 , extract, propylene glycol, methyl paraben, propyl paraben and required amount of distilled water. The skin pH (6.8-7) was maintained by drop wise addition of tri-ethanolamine. The physicochemical parameters of formulations (pH, spreadibility, etc ) were determined. The result showed the formulation containing quassia amara bark extract gel is good appearance, homogeneity and viscosity is ranging between 4200 and 4500 centipoises. This plant family is Simaroubaceae of Northern Brazilian origin. Used in medicine of an antiparasitic, antifungal and antibacterial agent. Used in also rosacea and facial seborrheic dermatitis diseases.

### KEYWORD:

**Quassia Amara, Extract, Extract Gel Preparation.**

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