

(54) Title of the invention : AN EXCIPIENT FROM CITRUS LIMETTA PEELS

(51) International classification :A61K0047380000, A61K0009000000, A61K0047360000, A61K0036752000, A61P0017000000

(86) International Application No Filing Date :NA :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number Filing Date :NA :NA

(62) Divisional to Application Number Filing Date :NA :NA

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(57) Abstract :

Title: An excipient from Citrus limetta peels An excipient from Citrus limetta peels comprises an isolation process of mucilaginous polysaccharides from Citrus limetta peels powder extracted with mixture of ethanol to benzene in ratio of 1:1 taken to remove lipids and inactivate the enzymes, decanting the mixture and dried the residue; soaking it in distilled water in ratio 1:10 for 24 hours at ambient temperature with frequent stirring for 3 hours, extracting in microwave, to get viscous solution; to the filtrate equal amount of methanol was added to wash precipitated mucilaginous polysaccharides, to get final preparation effectively used as an excipient in the form of gelling, film forming and suspending agent.

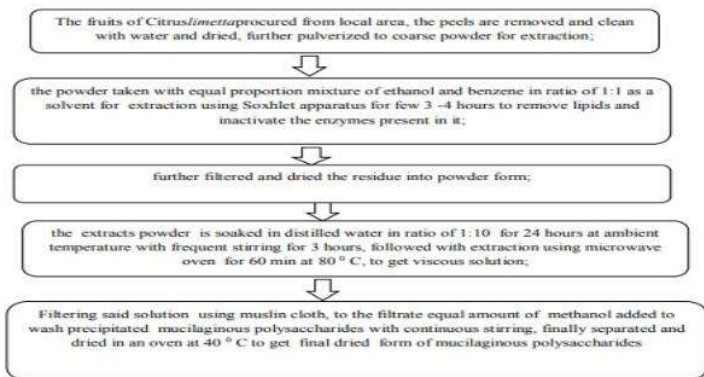


Figure 1: Flow chart of preparation process of Citrus limetta peels excipient.

No. of Pages : 20 No. of Claims : 4