

(54) Title of the invention : TLC FINGERS OF PUTRANJIVA ROXBURGHII WALL. SEED EXTRACTS AND PREPARATION THEREOF

(51) International classification :G01N0030020000, C11B0001100000, C07K0014000000, C09K0015340000, A23L0033105000

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

(87) International Publication No : NA

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

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

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## (57) Abstract :

The present invention relates to a process of extraction of seed extract from Putranjiva roxburghii Wall. comprising the step of crushing the air dried seeds mechanically to make coarse powder, extracting the coarse powdered seeds using solvents Petroleum Ether 60°-80°, Ethyl Acetate and 30% Hydro alcohol by Soxhlet apparatus successively, concentrating the Petroleum Ether Extract (PEE), Ethyl Acetate Extract (EAE) and Hydroalcoholic Extract (HAE) in a rotatory evaporator to recover the solvents, concentrating the extracts to dryness in vacuum oven at temperature not exceeding 50 °C, and storing the extracts in desiccators, wherein said Petroleum Ether Extract, Ethyl Acetate Extract and Hydroalcoholic Extract yields are 2.0, 5.8 and 7.9% respectively. Further, TLC fingerprints of Putranjiva roxburghii Wall. seeds extracts is made wherein the Rf value of fingerprints are of PEE, EAE and HAE are 0.22, 0.62 and 0.04 respectively.

No. of Pages : 19 No. of Claims : 8