

(54) Title of the invention : ORAL FAST DISSOLVING FILMS COMPRISING NOVEL NATURAL POLYMER AND METHOD OF PREPARATION THEREOF

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(57) Abstract :

The present invention relates to an oral fast dissolving film and a method of preparation thereof. Specifically, the present invention relates to an oral fast dissolving film comprising novel natural polymer and a method of preparation thereof. More particularly, the present invention relates to an oral fast dissolving film comprising natural polymer chlorophytum. The present invention provides a method for preparation of an oral fast dissolving film for therapeutic purpose, said method comprising the steps of: obtaining chlorophytum powder from Chlorophytum borivilianum; dispersing the obtained chlorophytum powder in water to obtain a first solution; filtering said first solution to obtain a filtrate; centrifuging said filtrate to obtain a supernatant liquid; and mixing a plasticizer to said supernatant liquid to obtain a homogenous solution, said homogenous solution being dried and casted into said fast dissolving film.



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