

论文

中药白及的研究 (二)白及胶质作为片剂赋形剂的研究

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摘要:

关键词:

A STUDY OF THE CHINESE DRUG "BAI-GI" (II)THE EVALUATION OF THE MUCILAGE OF *BLETILLA STRIATA* AS BINDING AGENT IN TABLET MAKING

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Abstract:

(1)In the previous studies of the Chinese drug "Bai-Gi",the rhizomes of *Bletilla striata*,the mucilage extracted from it was investigated with re- ference to: (a) the method of its extraction,(b) the apparent viscosity and the su- spending power as compared with the mucilages of acacia and tragacanth under the same condition,and (c) the emulsifying properties as measured by means of the globules-counting method and the degree of creaming. (2)In the present investigation,studies have been made to compare the cohesive properties of the three tablet binders including (a)10% starch paste, (b)15% Acacia mucilage,and (c)2% mucilage of *Bletilla striata* employed in the granulating process for four kinds of tablets namely,lactose-starch,sul- fathiazole,sodium bicarbonate and aluminum hydroxide. (3)The determination of hardness,weight variations and disintegration time of the tablets of various medicinals granulated with 2% mucilage of *Bletilla striata* gave favorable results,as compared with those of the tablets of the same medicinals granulated with 10% starch paste and 15% mucilage of acacia.

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