

Abstract

The present invention provides a collagen drying and membrane forming method, comprising the following steps of material preparation, dilution, defoaming, coating, material pressing, drying, thermal crosslinking, water covering, and freeze-drying. According to the collagen drying and membrane forming method provided in the present invention, the drying efficiency and product yield are improved while the integrity of the collagen three strands of helixes can be kept, and the dried collagen film has good mechanical properties and good flatness.

Fig. 1