

[54] PREPARATION OF HYDROLYZED COLLAGEN-CONTAINING PRODUCTS FROM NON-GELLED LIQUID HYDROLYZED COLLAGEN CONCENTRATE AND GELLED PRODUCTS PREPARED THEREFROM

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[57] ABSTRACT

A method of preparing a gelled product from an un-gelled aqueous hydrolyzed collagen, such as gellatin or glue, concentrate containing 10-60 weight percent hydrolyzed collagen and a lyotropic agent is disclosed. The concentrate has a hydrolyzed collagen-to-lyotropic agent weight ratio of 1:0.1 to about 1:4.5, a pH value of 2.5-7 and gels at less than 20° C. On dilution with water to a hydrolyzed collagen concentration of about 2 weight percent while substantially maintaining the pH value of the concentrate, the diluted composition gels at a temperature above that of the concentrate. Specific concentrates, food products, industrial applications and methods for using the concentrates are disclosed.

13 Claims, 5 Drawing Figures