Creative Enzymes®

Collagen Type I from Freeze-dried Calf Skin

Cat. No. CEFX-012

Lot. No. (See product label)

Introduction

Description	1. Thoroughly wash fresh calf hides in cold water and trim their hair and subcutaneous fatty tissue. 2. Clean calf skin pieces were ground at low temperatures. 3. Ground calf skin tissue is stirred with 0.5 M pre-cooled sodium acetate solution for 15-18h and centrifuged to remove the supernatant (repeat the operation four times) 4. The residue is washed with distilled water (three times) 5. Extract with 0.075 M citrate buffer at pH 3.7 and centrifuge to obtain supernatant 6. Dialyzed with 0.02 M disodium hydrogen phosphate solution 7. Wash with cold distilled water, resuspend, and freeze-drying. Soluble; Type I; Lyophilized; Soluble in 0.075 M sodium citrate pH 3.7 and in dilute acetic acid 0.01 M to 0.5 M. Maximum 10 mg/ml.

Product Information

Species	Calf
Source	Freeze-dried Calf Skin
Form	Powder