

FORMULATION GUIDELINES

SYN[®]-HYCAN

(Code-Nr. 801202/5034736)

INCI: Tetradecyl Aminobutyroylvalylaminobutyric Urea Trifluoroacetate, Magnesium Chloride, Glycerin

Introduction

SYN[®]-HYCAN is a tripeptide which helps to fight skin sagging by boosting hyaluronan production and improving collagen fibrillogenesis. SYN[®]-HYCAN has a firming and remodeling effect by stimulation of GAG (glycosaminoglycan) biosynthesis. SYN[®]-HYCAN increases Decorin and Lumican levels for better collagen fibers.

General Description

SYN[®]-HYCAN is offered as a glycerine-based aqueous solution. SYN[®]-HYCAN is preservative free and PEG-free.

SYN[®]-HYCAN is the ideal active ingredient for:

- Firming body treatment
- Remodelling face contour cream
- Anti-sagging treatment
- Moisturizing (from within) lotions
- Anti-aging (filling wrinkles from within) solutions
- Anti-cellulite gels

Formulation properties

- SYN®-HYCAN contains MgCl₂ in negligible amounts (0.04%). All developed formulations with SYN®-HYCAN showed a very good stability.
- SYN®-HYCAN can simply add into the aqueous phase or at the end of the process.
- SYN®-HYCAN can be processed either cold or warm (80 °C for at least 2 h).
- The optimal pH for the formulation with SYN®-HYCAN ranges from 3.0 – 5.5.

Additional information

- It is recommended to store SYN®-HYCAN at cool temperature (2 – 8 °C). After opening the container add Nitrogen or Argon to protect the leftover in the original container, protected from light and in a clean place.
- The container for the final cosmetic formulation can be a sealed glass jar, aluminum tube or plastic bottle.
- Additional informations are available on request.

Additional information and recommended use levels

- Skin care 2.5%