

**PENTACARE-NA** - a plant-derived  
tensing treatment for your skin.

Gruner & Brenneisen AG Basel



**PENTACARE-NA** - tightens  
the skin rapidly and smoothes  
fine wrinkles

**PENTACARE-NA** - forms  
a visco-elastic film without  
the effects of crumbling

**pentapharm**

benefiting society through science



# PENTACARE-NA

**PENTACARE-NA** is a mixture of galactomannanes obtained from seeds of locust bean gum and hydrolyzed proteins isolated from wheat gluten. The strong molecular interaction between the two components is the base for the skin tightening effect.

## Properties:

**PENTACARE-NA** forms a visco-elastic film on the skin. After evaporation of water the film retracts covering the wrinkles and smoothing the skin without the effects of crumbling.

## Function:

When formulated into an appropriate topical vehicle:

- **PENTACARE-NA** smoothes fine wrinkles
- **PENTACARE-NA** provides a perceptible long-lasting tightening effect
- **PENTACARE-NA** avoids the negative effects caused by the agglomeration of pigments in eye- or lip-wrinkles

## Cosmetic applications:

- masks
- eye gels
- decorative cosmetics
- décolleté maintaining products
- all kinds of tightening lotions, balms and emulsions

## Formulation:

**PENTACARE-NA** is a yellowish, clear to slightly opalescent, slightly viscous liquid. It can be processed warm (< 80°C) or cold and is incorporated into the aqueous phase of a cosmetic formulation.

## Suggested concentration:

2-5% **PENTACARE-NA**

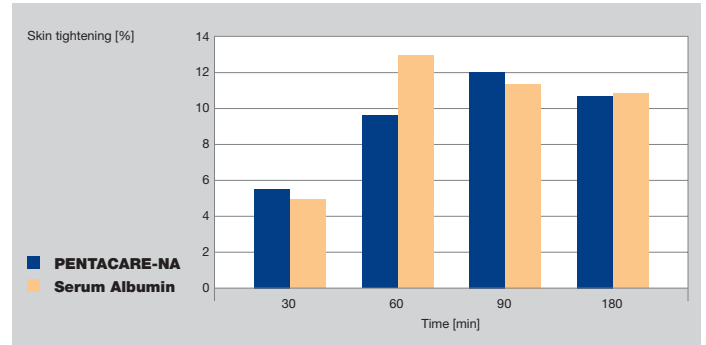
## INCI Name:

Hydrolyzed Wheat Gluten, Ceratonia Siliqua Gum

## Efficacy study:

### In-vivo test:

The skin tightening effect was measured by cutometry over a period of 3 hours. **PENTACARE-NA** was compared to Serum Albumin (5% in a carbomer gel each).



Over a period of 3 hours, **PENTACARE-NA** shows a clearly measurable tightening effect, similar to that of Serum Albumin.

## Mode of action:

