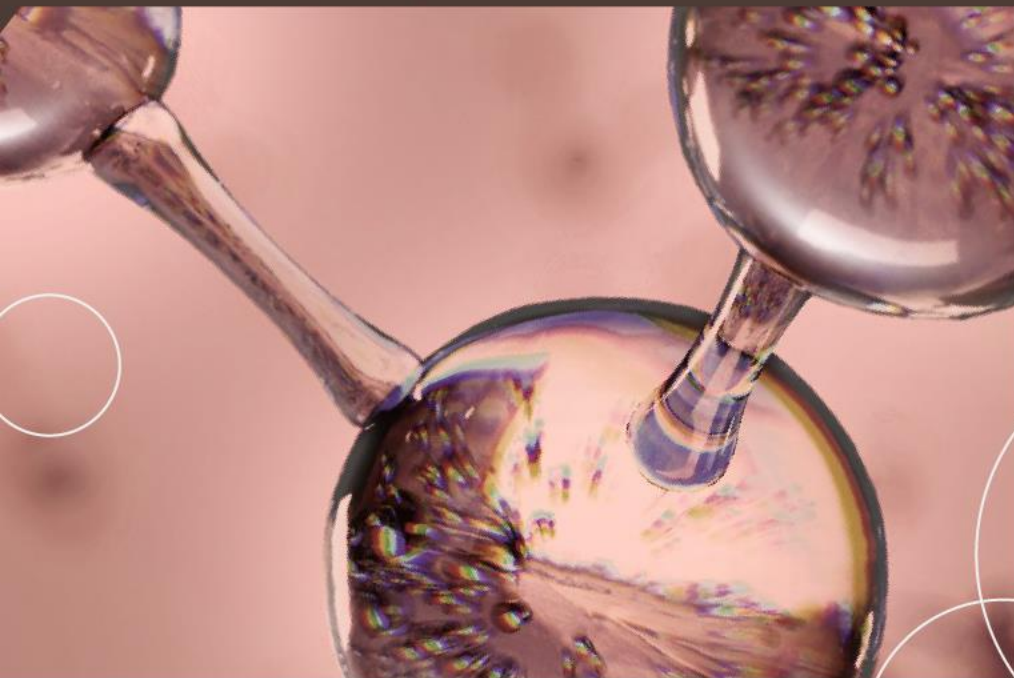


# SYN-TC®

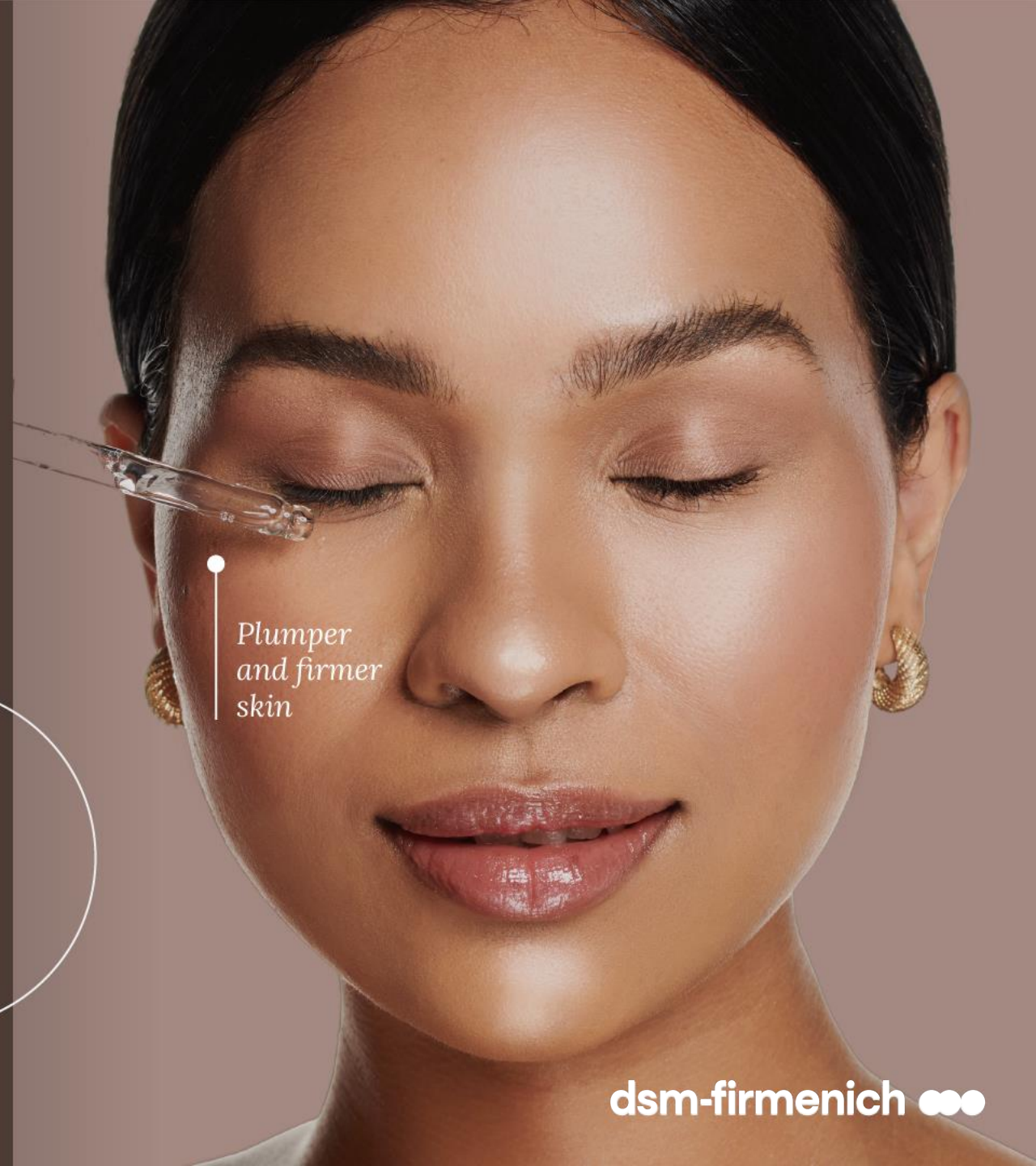
*A new dimension of skin  
smoothing in just 28 days*

## CB



April 2025

Peptides | Pharma-inspired skincare



Plumper  
and firmer  
skin

dsm-firmenich 

# SYN®-TC CB

## ID Card

|                            |                                                                                                                                                                                                                                                                                                                                                                               |                                         |                            |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|
| INCI NAME:                 | Tetradecyl Aminobutyroylvalylaminobutyric Urea Acetate, Palmitoyl Dipeptide-5 Diaminobutyroyl Hydroxythreonine, Palmitoyl Tripeptide-5, Aqua, Glycerin, Magnesium Chloride                                                                                                                                                                                                    |                                         |                            |
| TECHNOLOGY:                | <ul style="list-style-type: none"><li>• Combination of three highly active patented tri- and tetrapeptides, made by the latest cutting-edge SYN®-Peptide technology via Green Chemistry Science, designed to increase the amount of collagen type I, III, IV, VII and XVII</li><li>• TFA-free<sup>1</sup></li><li>• 100% of natural origin (according to ISO 16128)</li></ul> |                                         |                            |
| TECHNICAL:                 | Form: Liquid<br>pH of use: 3.0 – 7.0                                                                                                                                                                                                                                                                                                                                          | Use level: 1–2.5%<br>Preservative: Free | Solubility: Water miscible |
| BENEFITS:                  | <ul style="list-style-type: none"><li>• Significantly stimulates Collagens I, III, IV, VII and XVII all at once*</li><li>• Skin is smoother with a softer touch and improved overall young-looking appearance**</li><li>• Skin appears plumper**</li><li>• Skin appears firmer**</li><li>• Appearance of fine lines and wrinkles is visible reduced**</li></ul>               |                                         |                            |
| REGISTRATION CERTIFICATION |                               |                                         |                            |

\* in vitro \*\* in vivo

<sup>1</sup> Non-intentionally added TFA

# Unique and efficient

A tailor-made peptide combination provides the best performance.

Patented tripeptide with a unique amino acid sequence Palm-Lys-Val-Lys-OH.

Patented tripeptide with a unique amino acid sequence TDAC-Dab-Val-Dab-OH.

Patented tripeptide with a unique amino acid sequence Palm-Lys-Val-Dab-Thr-OH.

Award winning, best new ingredient C&T Asia.

## Skin smoothing activity in vitro at a glance

|                     | Palm-Lys-Val-Lys-OH | TDAC-Dab-Val-Dab-OH | Palm-Lys-Val-Dab-Thr-OH | Main skin benefit                                                                             |
|---------------------|---------------------|---------------------|-------------------------|-----------------------------------------------------------------------------------------------|
| Collagen I          |                     | +110%               |                         | More and stable Collagen fibers in the skin, enhanced resiliency                              |
| Collagen III        | +39%                |                     |                         | Hare of "youth" Collagen increased, fine tunes homogeneity and flexibility of collagen fibers |
| Collagen IV         |                     |                     | +190%                   | Improved stability of the DEJ                                                                 |
| Collagen VII        |                     |                     | +60%                    | Improved anchor functionality of the DEJ towards dermis                                       |
| Collagen XVII       |                     |                     | +120%                   | Improved anchor functionality of the DEJ towards dermis                                       |
| Total skin Collagen | SYN-TC® CB          | SYN-TC® CB          | SYN-TC® CB              | Quantity, quality and functionality improvement                                               |

Palm-Lys-Val-Lys-OH = Palmitoyl-Lysine-Valine-Lysine

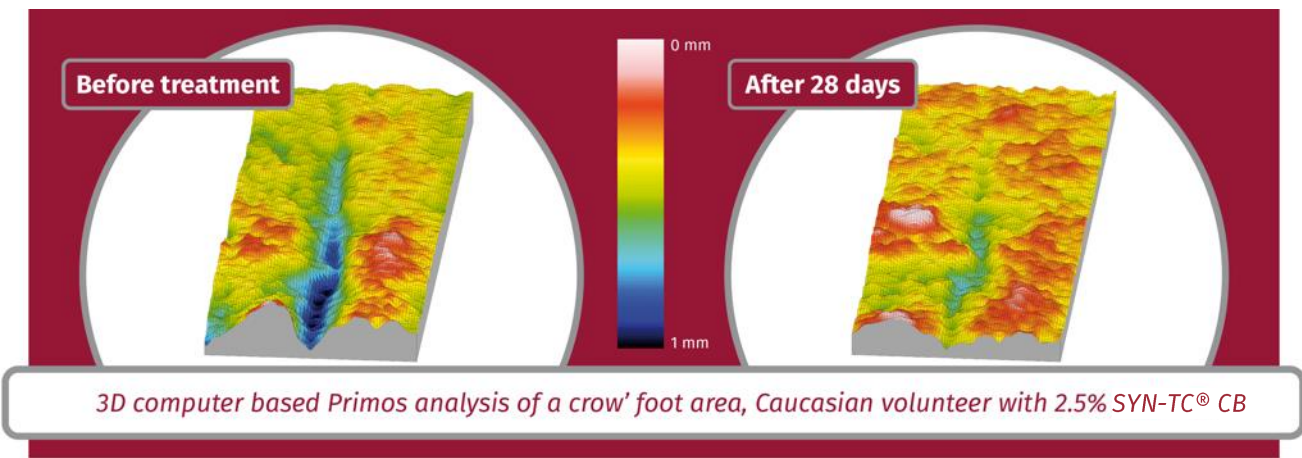
TDAC-Dab-Val-Dab-OH = Tetradecylaminocarbonyl-Diaminobutyric acid-Valine-Diaminobutyric acid

Palm-Lys-Val-Dab-Thr-OH = Palmitoyl-Lysine-Valine-Diaminobutyric acid-Threonine

# Visible deep wrinkle reduction and skin smoothing



Appearance of deep wrinkles is visibly reduced in only 28 days

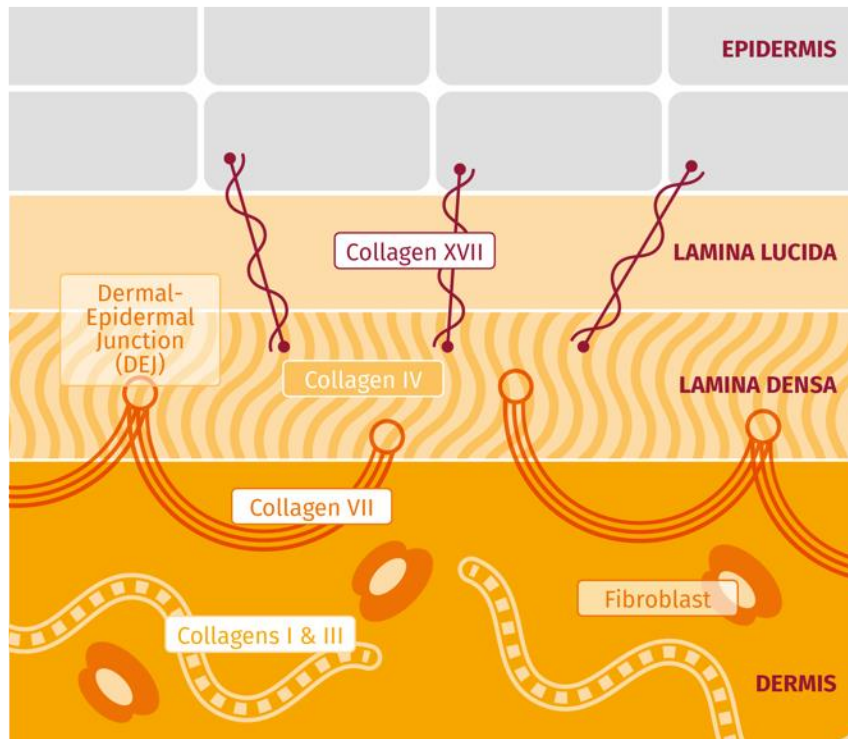


Visible skin smoothing in only 28 days

# Experience the benefits of Total Collagen Care

## Biological concepts

Significantly increases the amount of collagen type I, III, IV, VII and XVII to facilitate their unique contribution to beautiful smooth skin.



### Collagen type I

Main components of the dermis making up 75% of the dermis protein content. Collagen fibers support the skin's mechanical strength, volume and texture.

### Collagen type III

In association with Collagen I, high levels in young, smooth skin.

### Collagen type IV

Key molecule to ensure functionality of the Dermal-Epidermal Junction (DEJ). It forms a sheet to which the anchoring peptides are connected.

### Collagen type VII

Forms anchoring fibrils in the dermal epidermal junction. Connects the dermis to the DEJ.

### Collagen type XVII

Plays a major role in holding the layers of skin together as it anchors the epidermis to the DEJ

## Consumer Benefits

- Appearance of fine lines and wrinkles is visibly reduced in only 28 days
- Visible skin smoothing in only 28 days
- Skin appears firmer
- For high performing facial anti-ageing solutions

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