

**TILAMAR<sup>®</sup>**

**PDO with NØØVISTA<sup>™</sup>**



The eco-friendly  
powerhouse for  
high-performing  
beauty products

# It's what is inside a product that counts – and the way it has been produced

Today's conscious consumers are increasingly aware of the environmental and social impact of beauty products and are becoming ideological in their buying preferences. Especially biotechnology will gain importance over the coming years, driven by environmental concerns and limited natural resources.

The multifunctional ingredient TILAMAR® PDO with NØØVISTA™ combines naturality, sustainability, conscious beauty and high performance in only one product.

It is the first made-in-Europe cosmetic grade of PDO, 100% bio-sourced from non-GMO feedstocks, sourced from a brand new eco- designed facility contributing to local industrial redevelopment and diversification.

TILAMAR® PDO with NØØVISTA™ is a high-quality microbiome-friendly, multifunctional natural ingredient designed to reduce formulation complexity by acting as a preservative booster, a skin humectant, sensory enhancer, solvent and actives carrier.

## Key facts

### INCI NAME

Propanediol

### UNIQUE PRODUCT FEATURES

- First made-in-Europe cosmetic 1,3-propanediol
- 100% bio-sourced from non-GMO and palm oil-free feedstocks
- Sourced from a brand new eco-designed facility contributing to local industrial redevelopment and diversification
- Microbiome-friendly

### MULTIFUNCTIONAL INGREDIENT – BENEFITS

- Preservative Booster
- Sensory Enhancer
- Skin Humectant/Moisturization
- Solvent & Actives Carrier

### APPLICATIONS (AND TYPICAL USE LEVELS)

- 1-8 % in Body Care
- 1-10 % in Hair care
- 1-35 % in Face care

### TECHNICAL INFORMATION

- Compatible with all cosmetic ingredients
- Add to the water phase of formulations

### REGISTRATION

Globally approved in main relevant countries

### CERTIFICATION

Microbiome-friendly

### NATURAL INDEX

Natural origin score: 100 % (ISO 16128 )

### BIODEGRADABILITY

Readily biodegradable according to OECD 301B

### OTHERS

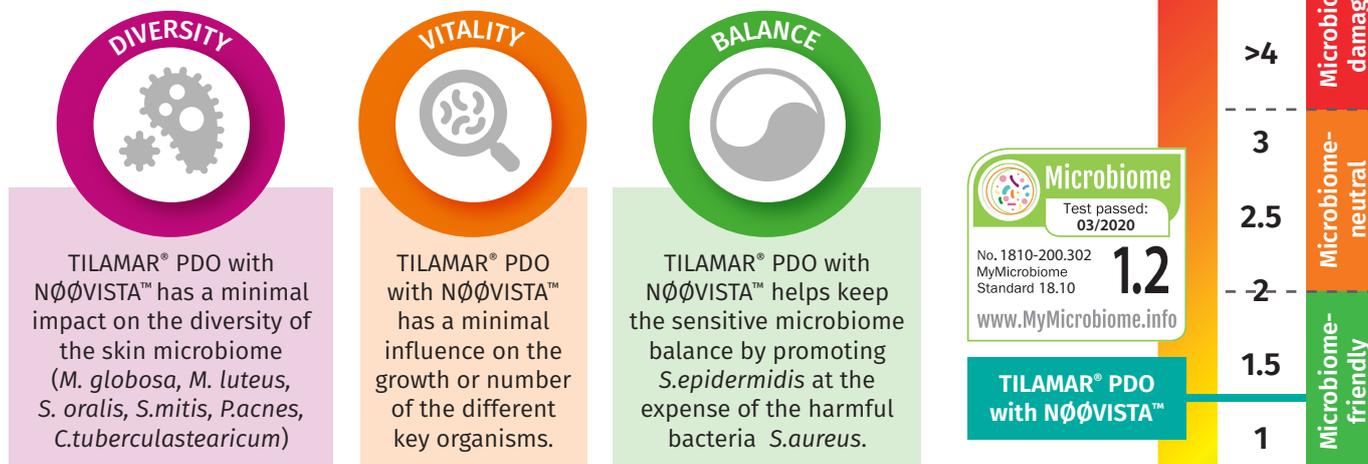
CAS No.: 504-63-2      Product Code: 5016501



## TILAMAR® PDO with NØØVISTA™ is certified as Microbiome-friendly\*

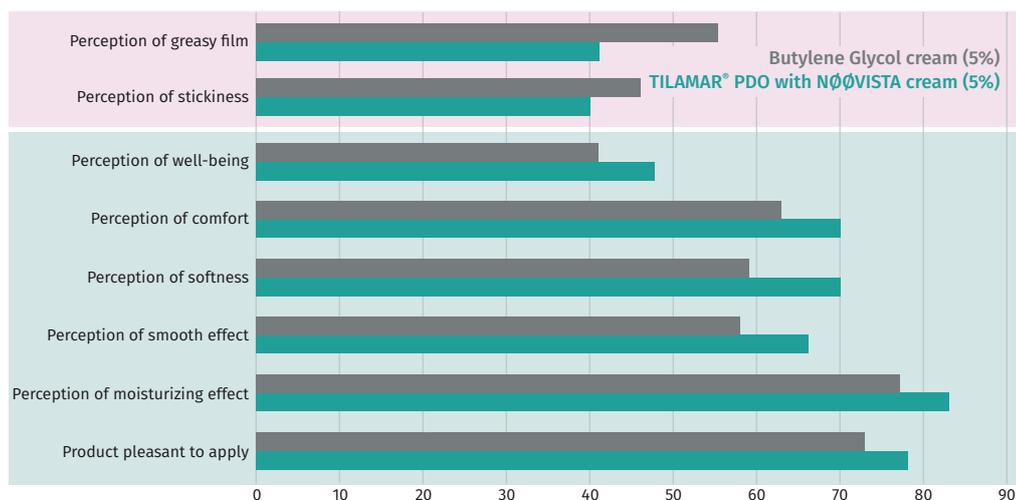
Tested according to MyMicrobiome test on dry and oily skin area

DIFFERENT ASPECTS WERE TESTED IN VITRO AT 2 %



## Sensory enhancement with TILAMAR® PDO with NØØVISTA™ vs benchmark

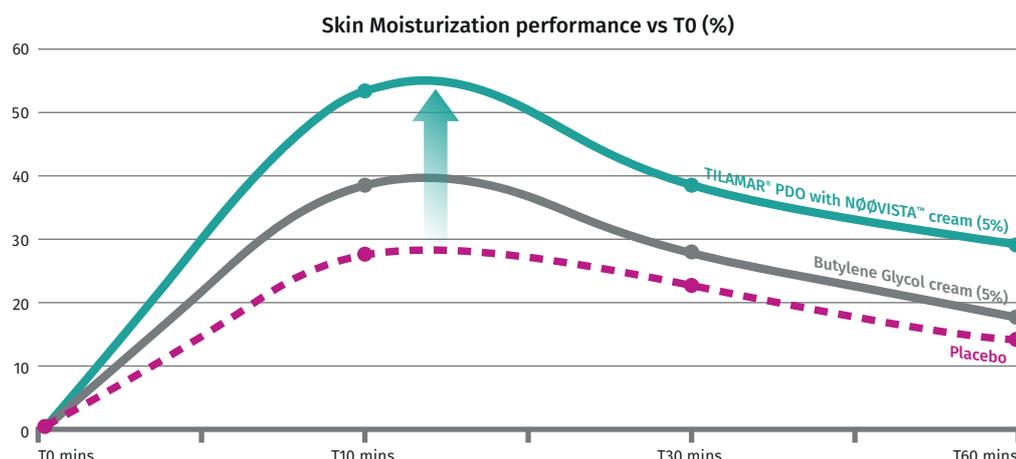
Consumers who agreed with the test parameters (%). Test: 63 women / 5% in a body cream



The cream with TILAMAR® PDO with NØØVISTA™ is more pleasant to apply and perceived by consumers as less greasy, less sticky with a more comfort, softness, smoothness and moisturizing effect than the cream with Butylene Glycol.

## Improved skin moisturizing performance with TILAMAR® PDO with NØØVISTA™ vs benchmark and placebo

Corneometry test - 29 women, aged 29-60 years old



The cream with TILAMAR® PDO with NØØVISTA™ shows higher moisturizing performance than the placebo and the cream with Butylene Glycol over the tested period.

\* <https://www.mymicrobiome.info/mymicrobiome-standard-18-10-tests-skin-microbiome-friendly.html>

For more information, please visit [www.dsm.com/personal-care](http://www.dsm.com/personal-care)

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