

**NuovoCare™ 1%**

**Skin Repair  
Anti-Inflammatory  
Moisturization  
Anti-Wrinkle**

**McKinley**  
**resources, inc.**

# NuovoCare™ 1%

INCI Name: Beta-Glucan

CAS Number: 1439905-58-4



## Description:

NuovoCare™ 1% is a linear 1,3-β glucan obtained via fermentation of a marine bacterium. 1,3-β glucan is a naturally occurring polysaccharide that is recognized by immune cells and is a known biological response modifier and immune stimulator. The amount of 1,3-β linkages varies in beta glucans from different sources. NuovoCare™ contains up to 75% 1,3-β glycosidic bonds compared to approximately 30% in beta glucan from sources such as oat and mushroom. Accordingly, NuovoCare™ demonstrates strong anti-inflammatory, skin repair, and anti-oxidant potential. It also provides moisturization and anti-wrinkle benefits.

## Key Technical Properties:

Test/Property:	Specification
Appearance	Colorless, transparent liquid
Assay (beta-glucan)	≥ 1.0%
pH (25°C)	5.5 - 7.5

**Recommended Use Level:** 0.9% to 45%; 0.9% to 4.5% for masks/creams

**Solubility:** Water soluble

## Application(s):

NuovoCare™ 1% is recommended for skin repair, anti-inflammatory, anti-oxidant, moisturization and anti-wrinkle benefits. NuovoCare™ 1% is suitable for a variety of applications including moisturizers, sunscreens, toners, facial cleansers, facial masks, astringents, skin creams and nail treatment.



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