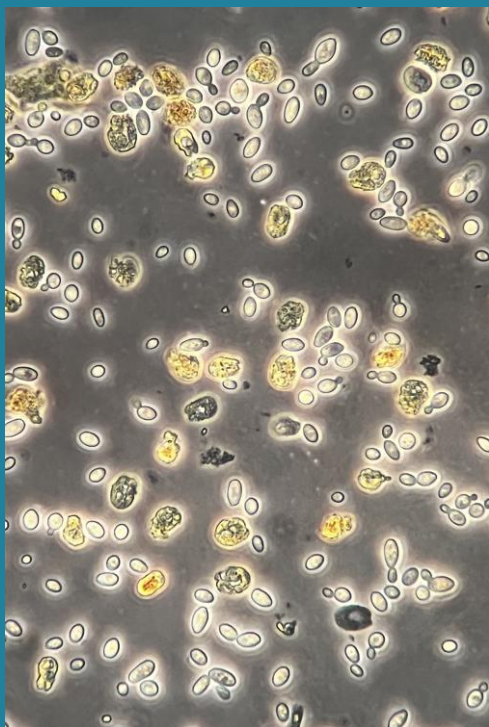


## PRODUCT DATA SHEET



### Technical data

**Production:** *Saccharomyces* fermentation

**Appearance:** liquid

**Color:** gold – yellow

**INCI:** SACCHAROMYCES FERMENT  
FILTRATE, TETRASELMIS SUECICA  
EXTRACT, 1,2-HEXANEDIOL

**Solubility:** water

**Suggested Use:** 2-5%

**Certifications:** COSMOS approved, Natural Origin  
ISO16128

**Compliance:** China approved, Vegan suitable, Halal  
suitable, Biodegradable product

**Application:** skin care, body care, hair care, sun care

**Storage:** 25 °C ± 5

**Shelf life:** 18 months

**Preservative system:** free of preservatives



TetraGold® is an innovative product obtained from our advanced fermentation technology of the marine microalga *Tetraselmis suecica*. This technology allow to exalt the active ingredients of the microalgae, such as antioxidants, vitamins and minerals, and increase their bioavailability on the epidermis.

The probiotic yeast *Saccharomyces boulardii* enriches the product with important beneficial metabolites that confer various biological and postbiotic activities.

The result is a natural bioactivated phytocomplex that can effectively stimulate hyaluronic acid production, preserve it by inhibiting the enzyme hyaluronidase, and reduce epidermal sebum production. These characteristics make this valuable resource an important ingredient in the development of cosmetic products with regenerating and sebonormalizing properties.



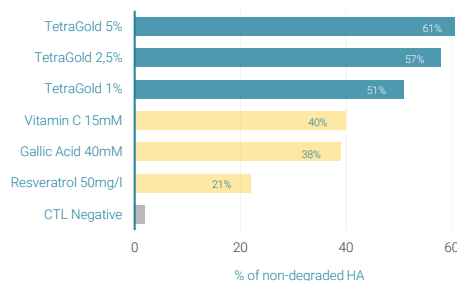
### Benefits

- ✓ Inhibits the action of the enzyme hyaluronidase, which is responsible for the degradation of hyaluronic acid
- ✓ Stimulates the production of hyaluronic acid in the epidermis
- ✓ Reduces sebum production by the skin
- ✓ Reduces free radicals due to its antioxidant activity

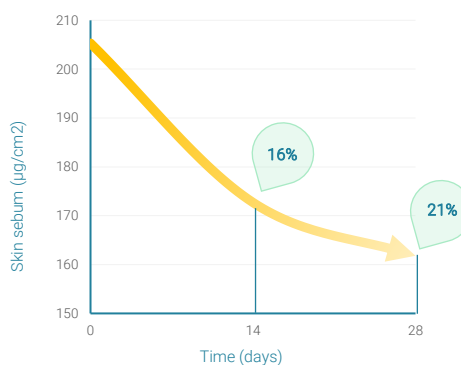
### Efficacy

TetraGold® has been shown to be highly effective in inhibiting hyaluronidase activity and stimulating hyaluronic acid production in human keratinocytes.

A clinical trial on 20 subjects also demonstrated its sebum-regulating activity.



**Inhibition of hyaluronidase:**  
TetraGold® is able to effectively inhibit the action of hyaluronidase, tested at 2.5% it preserves 57% of hyaluronic acid from hyaluronidase degradation.



**Seboregulation:** TetraGold® leads to a reduction in skin sebum production of 16% and 21% after 14 days and 28 days of treatment.