



BioToLife

The Natural Anti-Dandruff for Healthier Scalp

A healthy scalp is key for beautiful hair. But stress, pollution and over-washing of hair degrades the integrity of the scalp, causing scalp disorders. Scalp concerns such as dandruff are often linked to an unbalanced microbiome. Most solutions on the market contain synthetic anti-dandruff actives known for their anti-microbial activity. BioToLife is a biodegradable glycolipid, created by nature and from nature: rapeseed oil and sugar are fermented by the yeast *Starmerella bombicola*. By limiting the proliferation of pro-inflammatory bacteria and strengthening the skin barrier, BioToLife significantly reduces the appearance of dandruff in only 3 weeks.

Product Description

Sophorolipid derived from fermentation by *Starmerella bombicola*.

Consumer Benefits

Dandruff reduction

Scalp Care

Soothing / Sensitivity decrease

Microbiome



In Vivo

Anti-dandruff efficacy

In Vitro / In Tubo

Inhibition of proliferation of *M. restricta*, *M. furfur* and *S. aureus*

Stimulation of corneodesmosin synthesis

Clinical Study Results

Age of Volunteers: Volunteer panel >18

Results Time Scale: 3 weeks

Tested Skin Area: Scalp

Target Molecules in the Skin

Horny layer component

Nature of Active

Active Substance / Technology: Bio-ferment, Pro/Pre/Postbiotic

Compliance: Listed in IECIC

Origin: Edible

Special Formulation Features: Low pH tolerant

Preservatives

None

INCI

Water (and) Yeast Ferment Extract (and) Polylysine

Form of Delivery

Liquid