



## BIODYNES TRF® — LIVE YEAST LYSATE EXTRACT

Yeast has been used in baking and fermenting alcoholic beverages for thousands of years. It is also extremely important as a model organism in modern cell biology research, and is one of the most thoroughly researched microorganisms.

In recent years through ultra-violet exposure, yeast has now been found to be an excellent source of nutrients such as peptides, proteins, amino acids, carbohydrates and nucleic acids. Biodynes TRF®, a cosmetic grade of live yeast cell derivatives, provides calming, smoothing, soothing, and moisturizing properties.



Live yeast cell derivative (LYCD) was first used in an over the counter haemorrhoid product under the Preparation H® (Whitehall Labs) brand name. The natural extracts from the nucleus of baker's yeast (*saccharomyces cerevisiae*) cells contain various metabolic stimulating substances, which are produced by stressing live yeast cells with ultra-violet light during their growth cycles. Stressed yeast cell derivatives have been widely explored for wound healing applications, with several references suggesting that biodynes promote cell renewal and skin radiance through increased metabolic activity in the growing skin layers providing more rapid de-pigmentation to reduce discoloration and brighten skin.

It has been clinically proven that Biodynes TRF® delivers a 117% increase in oxygen respiration to the lower layers of the skin's cells, acting as a unique internal moisturiser, plumping up the skin by building up moisture content of the skin cells. With age, skin is known to become dry, to wrinkle and sag. Biodynes TRF® helps enhance the total health of the skin, reduces the signs of aging and effectively soothes damaged skin.

Biodynes TRF® has a long history of use as an active ingredient in cosmetic products and is one of the main ingredients of the eyeSlices® Professional range. We believe that Biodynes TRF® has great benefits to offer you to relax, restore and revive your eyes.

