

## Glycoproteins

### Specification Sheet

**Description:** Aqueous solution of a combination of mainly intracellular proteins, peptides and amino acids derived from a natural, specially-selected strain of yeast (*saccharomyces cerevisiae*). Its revitalizing capacity strengthens the skin's natural ability to protect itself against damaging environmental influences. Contains 5% of glycoproteins. Preserved with phenoxyethanol, ethylhexylglycerin, and sodium metabisulfite. Clear yellowish solution, faint odor. pH: 5-6. Water-soluble.

**CAS:** 84604-16-0, 56-86-0, 72-18-4, 72-19-5, 7732-18-5

**INCI Name:** Glycoproteins, glutamic acid, valine, threonine, water

#### Benefits:

- In-vitro studies have shown that glycoproteins boost oxygen content, increase the cellular respiration capacity, and increase the energy level of skin cells by enhancing the production of energy-rich adenosine triphosphate
- Glycoproteins also have moisturizing properties due to their content of water-binding polysaccharides (sugars)
- Regular application leads to rejuvenated, youthful and healthier looking skin

**Use:** Add to formulas below 40° C/100° F. Typical use level 3-6%. For external use only. Store in refrigerator.

**Applications:** Moisturizers, creams, lotions, gels and color cosmetics.

**Country of Origin:** USA

**Raw material source:** Yeast (*saccharomyces cerevisiae*)

**Manufacture:** Glycoproteins are produced from a special form of yeast whereby intracellular proteins, peptides and amino acids are extracted using a sophisticated extraction method.

**Animal Testing:** Not animal tested

**GMO:** GMO-free

**Vegan:** Does not contain animal derived components