

SIMIL NATURAL MOISTURIZING FACTOR LIPOSOMES

CODE: LIP-72

Date of last amendment: 01.09.2016

INCI name: WATER (AQUA) (and) (AND) PHOSPHOLIPIDS (from soybean lecithin) (and) SODIUM PCA (and) LACTIC ACID (and) UREA (and) GLYCINE (and) NIACINAMIDE (and) TOCOPHERYL ACETATE (and) ALLANTOIN (and) ALANINE (and) SERINE (and) SODIUM HYALURONATE.

DESCRIPTION: Liposomes made of purified soybean hydrogenated phospholipids which encapsulate components that simulate the Natural Moisturizing Factor, substances highly moisturizing of the corneal layer.

COMPOSITION (INCI NAME)	% (weight)
WATER (AQUA) CAS # 7732-18-5	85,679
PHOSPHOLIPIDS (FROM SOYBEAN LECITHIN) CAS # 123465-35-0	10,000
SODIUM PCA CAS # 28874-51-3	1,200
LACTIC ACID CAS # 50-21-5	0,880
UREA CAS # 57-13-6	0,500
GLYCINE CAS # 56-40-6	0,100
NIACINAMIDE CAS # 98-92-0	0,100
TOCOPHERYL ACETATE: CAS # 7695-91-2 / 58-95-7	0,025
ALLANTOIN CAS # 97-59-6	0,020
ALANINE CAS # 302-72-7 / 56-41-7	0,010
SERINE CAS # 302-84-1 / 56-45-1	0,010
SODIUM HYALURONATE CAS # 9067-32-7	0,001
Preservatives:	
- DMDM Hydantoin CAS # 6440-58-0	0,750
- Phenoxyethanol CAS # 122-99-6	0,750

Particle size: 100 - 300 nm. (Dynamic Laser scattering –DLS).

Manufacturing method: Microfluidization.

Net charge of the liposome: Negative.

Type of liposome: Oligo-unilamellar.

Color: Light yellow to brown.

Appearance: Semi translucent to opalescent fluid, absence of foreign matter.

Odor: Mild.

pH: 5,00 - 7,00 (25°C) (USP XXVII)

Density: 0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)

Dry residue: 18,00 gr.% minimum (0.5 gr. 1 hour 110° C).

Microbiological control: Aerobic Mesophylls: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Keep refrigerated (5-15°C). Do not freeze. Protect from light.

EXTERNAL COSMETIC USE