

MUCOPOLYSACCHARIDES AND HYALURONIC ACID LIPOSOMES

CODE: LIP-4

Date of last amendment: 21.01.2015

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (FROM SOYBEAN LECITHIN) (AND) GLYCOSAMINOGLYCANS (AND) HYALURONIC ACID (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Liposomes from soybean lecithin encapsulating Mucopolysaccharides and Hyaluronic Acid.

COMPOSITION (INCI NAME)	% (weight)
Water (Aqua) (CAS # 7732-18-5)	91,475
Phospholipids (from Soybean Lecithin) (CAS # 123465-35-0)	5,000
Total Mucopolysaccharides (GAGs + Hyaluronic acid) (CAS # 94945-04-7 + CAS # 9004-61-9)	2,000
Tocopheryl acetate (CAS # 7695-91-2 / 58-95-7)	0,025
Preservatives:	
- Dm Dm Hydantoin (CAS # 6440-58-0)	0,750
- Phenoxyethanol (CAS # 122-99-6)	0,750

Composition and properties of the Mucopolysaccharides extract:	<p>Origen: bovine cartilage.</p> <p>Mucopolysaccharides expressed as:</p> <ul style="list-style-type: none"> - Sulfonic chondroitin acid 20% - Hyaluronic acid 1%
Particle size:	Less than 400 nm (L.LS).
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Neutral to Negative.
Type of liposome:	Oligo-unilamellar.
Color:	White to light yellow.
Appearance:	Slightly opalescent to opalescent liquid
Odor:	Mild.
pH:	6,00 - 7,50 (25°C) (USP XXVII)
Density:	0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	5,0 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