

NATURAL MOISTURIZING FACTOR LIPOSOMES

CODE: LIP-72

Date of last amendment: 03/08/2022

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) SODIUM PCA (AND) LACTIC ACID (AND) PHENOXYETHANOL (AND) UREA (AND) CAPRYLYL GLYCOL (AND) GLYCINE (AND) NIACINAMIDE (AND) TOCOPHERYL ACETATE (AND) ALLANTOIN (AND) ALANINE (AND) SERINE (AND) SODIUM HYALURONATE.

DESCRIPTION: LIP-72 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport components that simulate the Natural Moisturizing Factor to the target cells. The NMF is highly moisturizing of the corneal layer and recommended for all skin types.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	86.154	7732-18-5
Phospholipids	10.000	123465-35-0
Sodium PCA	1.200	28874-51-3
Lactic Acid	0.880	50-21-5
Urea	0.500	57-13-6
Glycine	0.100	56-40-6
Niacinamide	0.100	98-92-0
Tocopheryl Acetate	0.025	7695-91-2 / 58-95-7
Allantoin	0.020	97-59-6
Alanine	0.010	302-72-7 / 56-41-7
Serine	0.010	302-84-1 / 56-45-1
Sodium Hyaluronate	0.001	9067-32-7
Preservatives		
Caprylyl Glycol	0.200	1117-86-8
Phenoxyethanol	0.800	122-99-6

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Light yellow to slightly 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:	12.00 gr.% minimum (0.5 gr. 1 hour 110° C).
Microbiological control:	Mesophilic bacteria: 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. Shake before use

EXTERNAL COSMETIC USE