

ANTIOXIDANT MELATONIN LIPOSOMES

CODE: LIP-103

Date of last amendment: 23.09.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) ETHANOL (AND) PRUNUS AMYGDALUS DULCIS OIL (AND) MELATONIN (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE

DESCRIPTION: LIP-103 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Melatonin which has been stabilized in Sweet Almond Oil, plus vitamin E. These are powerful antioxidant and anti-free radicals actives that help to prevent the aging of the skin.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	80.800
Phospholipids	123465-35-0	10.000
Alcohol	64-17-5	5.000
Prunus Amygdalus Dulcis Oil	8007-69-0	2.000
Melatonin	73-31-4	1.000
Tocopheryl acetate	7695-91-2	0.100
Preservatives:		
Phenoxyethanol	122-99-6	0.900
Caprylyl Glycol	1117-86-8	0.200

Particle size:	100 – 300 nm (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Brown
Appearance:	Semi-translucent to opalescent liquid
Odor:	Characteristic
pH:	6.00 – 8.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dryresidue:	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