

ANTI-HAIR LOSS LIPOSOMES

CODE: LIP-44

Date of last amendment: 15.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) PAULLINIA CUPANA SEED EXTRACT (AND) ILEX PARAGUARIENSIS LEAF EXTRACT (AND) CENTELLA ASIATICA (HYDROCOTYL) EXTRACT (AND) PANTHENOL (AND) CAFFEINE (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) BIOTIN (AND) TOCOPHERYL ACETATE.

DESCRIPTION: LIP-44 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Guarana, Yerba Mate and Centella Asiatica Extracts to the target cells, together with Panthenol, Biotin, Caffeine and Vitamin E. This exclusive blend of active ingredients promotes hair growth by having positive effects on the hair follicle. They improve the active growing phase of the hair follicle and also scalp circulation.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	75.072	7732-18-5
Phospholipids	5.700	123465-35-0
Paullinia Cupana Seed Extract	5.000	84929-28-2
Ilex Paraguariensis Leaf Extract	5.000	73296-98-7
Centella Asiatica Extract	5.000	84696-21-9
D-Panthenol	2.000	81-13-0 / 16485-10-2
Caffeine	1.000	58-08-2
Biotin	0.100	58-85-5
Tocopheryl Acetate	0.028	7695-91-2 / 58-95-7
Preservatives:		
Caprylyl Glycol	0.200	1117-86-8
Phenoxyethanol	0.900	122-99-6

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. Absence of foreign matter.
Odor:	Mild, pleasant
pH:	5.00 – 7.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry Residue:	8 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