

YERBA MATE PHYTO-LIPOSOMES

CODE: LIP-81

Date of last amendment: 16.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) ILEX PARAGUARIENSIS LEAF EXTRACT (AND) SORBITAN CAPRYLATE (AND) PROPANEDIOL (AND) BENZOIC ACID (AND) TOCOPHERYL ACETATE.

DESCRIPTION: LIP-81 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Yerba Mate extract (Ilex Paraguariensis) and Vitamin E to the target cells.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	78.475	7732-18-5
Phospholipids	10.000	123465-35-0
Ilex Paraguariensis Leaf Extract	10.000	73296-98-7
Tocopheryl Acetate	0.025	7695-91-2 / 58-95-7
Preservatives:		
Sorbitan Caprylate	0.975	60177-36-8
Propanediol	0.300	504-63-2 / 26264-14-2
Benzoic Acid	0.225	65-85-0

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Brown to greenish brown
Appearance:	Semi- translucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild
pH:	4.50 – 6.00 (USP XXVII) (25°C)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	11.00 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