

Nanovec™



SPECIFICATIONS TDS

**YERBA MATE PHYTO-LIPOSOMES
(ANTIOXIDANT AND LIPOLYTIC)**





YERBA MATE PHYTO-LIPOSOMES (ANTIOXIDANT AND LIPOLYTIC)

CODE: ECOLIP-6

Last Revision: 11.07.2023

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

DESCRIPTION

Purified phospholipid liposomes from soy lecithin (non-GMO) that encapsulate Yerba Mate extract (*Ilex paraguariensis*) and Vitamin E. Ilex extract contains polyphenols with antioxidant action, and xanthan bases such as mateine (caffeine) with lipolytic action. Other active components are polyphenols, flavonoids quercetin and rutin, xanthine like caffeine, theobromine and theophylline; and minerals such as magnesium, manganese and potassium.

Phytoliposomes penetrate deeper into the skin, improving the bioavailability of its active ingredients.

BENEFITS

Lipolytic action

Antioxidant

Skin moisturizer

Presents anti-inflammatory and healing properties

COMPOSITION (INCI NAME)

CAS

% (weight)

Water (Aqua)
Phospholipids
Ilex Paraguariensis Leaf Extract
Tocopherol

78,475
10,000
10,000
0,025

7732-18-5
123465-35-0
73296-98-7
59-02-9

Preservatives:

Sorbitan Caprylate
Propanediol
Benzoic Acid

0,975
0,300
0,225

60177-36-8
504-63-2 / 26264-14-2
65-85-0

Particle size: 100 – 300 nm (Dynamic Laser Scattering – DLS)

Manufacturing method: Microfluidization

Net charge of the liposome: Negative

Type of liposome: Oligo-unilamellar



Color:	Brown to slightly greenish brown
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Characteristic
pH:	4,50 – 6,00 (25°C) (USP XXVII)
Density:	0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	11,0 gr % minimum (0.5 gr. 1 hour 110° C)
Microbiological control:	Mesophilic aerobes: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.
Dosage:	1 - 10%
Solubility:	Miscible with water
Application:	Ideal to be incorporated into body shaping products. Helps activate lymphatic drainage and has antioxidant action. Its active components include polyphenols, flavonoids quercetin and rutin, xanthine like caffeine, theobromine and theophylline; and minerals such as magnesium, manganese and potassium. It is also recommended to help prevent varicose veins and telangiectases.
Storage:	Keep refrigerated (5 - 15° C), in well-closed containers, protected from light. Shake well before use. Under these conditions, the shelf life of Nanovec liposomes is 2 years.
Packing size:	1 kg, 5 kg, 10 kg, 60 kg Sample size: 50 g

EXTERNAL COSMETIC USE

