

TEA TREE OIL NANOME

CODE: LIP-27

Date of last amendment: 20.02.2025

INCI name: WATER (AND) PHOSPHOLIPIDS (AND) MELALEUCA ALTERNIFOLIA LEAF OIL (AND) SORBITAN CAPRYLATE (AND) PROPANEDIOL (AND) BENZOIC ACID (AND) TOCOPHERYL ACETATE.

DESCRIPTION: LIP-27 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Tea Tree Oil and Vitamin E to the target cells. Tea tree oil is effective in promoting healthy skin and treating acne because of its anti-inflammatory and antimicrobial properties. It also combats oily skin, soothes and relieves irritated skin.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water	83.460	7732-18-5
Phospholipids	10.000	123465-35-0
Tea Tree Oil (Melaleuca Alternifolia leaf oil)	5.000	85085-48-9 / 8022-72-8 / 68647-73-4
Tocopheryl Acetate	0.040	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 – 500 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Color:	Amber to light Brown.
Appearance:	Semi-Translucent to opalescent fluid. It may acquire some viscosity over time.
Odor:	Characteristic.
pH:	4.50 – 6.00 (25° C) USP XXVII
Solubility in water:	In all proportions
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	14.00 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