

ANTIOXIDANT AND DETOX FRUIT NANOVECTOR WITH EXTRACTS OF LEMON, ORANGE, APPLE, BLUEBERRY, AND CUCUMBER

CODE: LIPCUAT-48

Date of last amendment: 20.03.2023

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) POLYQUATERNIUM-16 (AND) CITRUS LIMON FRUIT EXTRACT (AND) CITRUS SINENSIS FRUIT EXTRACT (AND) PYRUS MALUS FRUIT EXTRACT (AND) VACCINIUM MYRTILLUS FRUIT EXTRACT (AND) CUCUMIS SATIVUS FRUIT EXTRACT (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

DESCRIPTION: Nanodispersion of soy lecithin phospholipids with a net positive charge of high substantivity with hair and skin encapsulating extracts of Lemon, Orange, Apple, Blueberry and Cucumber, plus Vitamin E as an antioxidant and membrane stabilizer.

PROPERTIES: Antioxidant and detoxifying. Revitalizes hair. Lubricates and moisturizes hair fibers, making hair more elastic and resilient. Conditions and softens.

NAME OF INGREDIENT - INCI ADOPTED NAME	% (weight)	CAS #
Water (Aqua)	68,900	7732-18-5
Phospholipids	10,000	123465-35-0
Polyquaternium-16	10,000	95144-24-4
Citrus Limon Fruit Extract	2,500	92346-89-9/ 84929-31-7/85085-28-5
Citrus Sinensis Fruit Extract	2,500	8028-48-6
Pyrus Malus Fruit Extract	2,500	85251-63-4
Vaccinium Myrtillus Fruit Extract	1,250	-----
Cucumis Sativus Fruit Extract	1,250	89998-01-6
Tocopheryl Acetate	0,100	7695-91-2 / 58-95-7
Conservants:		
Phenoxyethanol	0,800	122-99-6
Caprylyl Glycol	0,200	1117-86-8

Particle size:	100 – 300 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Positive
Color:	Yellowish to brown
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter.
Odor:	Mild, pleasant
pH:	3.00 – 5.00 (USP XXVII) (25° C)
Density:	0.980 – 1.050 (USP XXVII) (pycnometer)
Dry residue:	16 gr.% min. (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 in fresh place (5 - 25°C / 40 - 77°F). Do not freeze. Protect from light. As phases may separate, shake before use.

EXTERNAL COSMETIC USE