

BAKUCHIOL PHYTO-LIPOSOME

Anti-wrinkle and Anti-Free Radicals

CODE: LIP-102

Date of last amendment: 2.11.2023

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) PRUNUS AMYGDALUS DULCIS OIL (AND) BAKUCHIOL (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE

DESCRIPTION: Phyto-Liposomes of phospholipids purified from non-GMO soy lecithin that encapsulate and transport Bakuchiol stabilized in Sweet Almond Oil and Vitamin E. Bakuchiol is the vegetable replacement for Retinol in cosmetics.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	83,800
Phospholipids	123465-35-0	10,000
Prunus Amygdalus Dulcis Oil	8007-69-0/ 90320-37-9	4,000
Bakuchiol	10309-37-2	1,000
Tocopheryl acetate	7695-91-2 / 58-95-7	0,100
Conservantes:		
Phenoxyethanol	122-99-6	0,900
Caprylyl Glycol	1117-86-8	0,200

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
Odor:	Characteristic
pH:	6.00 – 8.00 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dryresidue:	15.00 gr.% minimum (0.5 gr. 1 hour 110° C)
Bakuchiol Assay	1%+- 0.1% (HPLC Method)
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