

## ALOE VERA, VITAMIN E & PANTHENOL LIPOSOMES

**CODE:** LIP-45

Date of last amendment: 11.11.2022

**INCI name:** WATER (AQUA) (AND) ALOE BARBADENSIS LEAF EXTRACT (AND) PHOSPHOLIPIDS (AND) PANTHENOL (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** LIP-45 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Aloe Vera, Vitamin E and Panthenol to the target cells. This carefully selected blend of active ingredients helps to sooth and moisturize the skin, for a healthier and glowing look. It also diminishes irritation.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	66.800	7732-18-5
Aloe Barbadensis Leaf Extract	20.000	85507-69-3 / 94349-62-9
Phospholipids	10.000	123465-35-0
Panthenol	2.000	81-13-0 / 16485-10-2
Tocopheryl Acetate	0.100	7695-91-2 / 58-95-7
<b>Preservatives:</b>		
Phenoxyethanol	0.900	122-99-6
Caprylyl Glycol	0.200	1117-86-8

<b>Particle size:</b>	100 – 300 nm. (DLS)
<b>Manufacturing method:</b>	Microfluidization
<b>Net charge of the liposome:</b>	Negative
<b>Type of liposome:</b>	Oligo-unilamellar
<b>Color:</b>	Yellow
<b>Appearance:</b>	Semi-translucent to opalescent liquid. Absence of foreign matter
<b>Odor:</b>	Mild, pleasant
<b>pH:</b>	5.00 – 7.00 (25°C) (USP XXVII)
<b>Density:</b>	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
<b>Dry residue:</b>	7.50 gr.% minimum (0.5 gr. 1 hour 110° C)
<b>Microbiological control:</b>	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**