

## SERINE, GLYCINE & ALANINE LIPOSOMES

CODE: LIP-33

Date of last amendment: 15.12.2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) SERINE (AND) GLYCINE (AND) ALANINE (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE.

**DESCRIPTION:** LIP-33 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Serine, Glycine and Alanine to the target cells. These amino acids are components of the Natural Moisturizing Factor, thus they enable the skin cells to retain moisture for longer periods, resulting in more youthful and healthier looking skin.

COMPOSITION (INCI NAME)	CAS #	% (weight)
Water (Aqua)	7732-18-5	83.360
Phospholipids	123465-35-0	8.500
L-Serine	302-84-1 / 56-45-1	4.000
Glycine	56-40-6	2.000
L-Alanine	302-72-7 / 56-41-7	1.000
Tocopheryl acetate	7695-91-2 / 58-95-7	0.040
<b>Preservatives:</b>		
Caprylyl Glycol	1117-86-8	0.200
Phenoxyethanol	122-99-6	0.900

Particle size:	100 – 300 nm. (D.L.S.)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Yellowish White
Appearance:	Semi-translucent to opalescent liquid. Absence of foreign matter
Odor:	Mild, pleasant
pH:	5.50 – 7.50 (a 25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (a 20°C) (USP XXVII)
Dry residue:	10 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**