

RESVERATROL PHYTO-LIPOSOMES

CODE: LIP-69-NG

Date of last amendment: 15.12.2021

INCI name: WATER (AQUA) (AND) ALCOHOL (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) SORBITAN CAPRYLATE (AND) RESVERATROL (AND) PROPANEDIOL (AND) CHOLESTEROL (AND) BENZOIC ACID (AND) TOCOPHERYL ACETATE.

DESCRIPTION: LIP-69 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Resveratrol to the target cells. Resveratrol is a potent polyphenolic antioxidant and one of the finest natural anti-aging/wrinkle prevention active ingredients.

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (aqua)	82.650	7732-18-5
Alcohol	10.000	64-17-5
Hydrogenated Phosphatidylcholine (Pharmacopedia grade)	5.000	97281-48-6
Resveratrol	0.500	501-36-0
Cholesterol	0.250	57-88-5
Tocopheryl acetate	0.100	7695-91-2
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:	110 – 600 nm. (DLS)
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	White to yellow
Appearance:	Slightly translucent to opalescent liquid
Odor:	Mild
pH:	4.50 – 6.00 (25°C) (USP XXVII)
Density:	0.950 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	6.00 gr.% minimum (0.5 gr. 1 hour 110° C)
Resveratrol determination in liposome (HPLC):	90 – 110%
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.

EXTERNAL COSMETIC USE