

ANTIOXIDANT MAP (Magnesium Ascorbyl Phosphate) LIPOSOMES

CODE: LIP-67

Date of last amendment: 21.01.2015

INCI name: WATER (AQUA) (AND) ALCOHOL DENAT. (AND) HYDROGENATED PHOSPHATIDYLCHOLINE (AND) MAGNESIUM ASCORBYL PHOSPHATE (AND) CHOLESTEROL.

DESCRIPTION: Liposomes made of purified soybean hydrogenated phospholipids which encapsulate Magnesium Ascorbyl Phosphate.

COMPOSITION (INCI NAME)	% (weight)
Water (Aqua) (CAS # 7732-18-5)	83,000
Alcohol DENAT. (CAS #-----)	10,000
Hydrogenated Phosphatidylcholine (CAS # 97281-48-6)	5,000
Magnesium Ascorbyl Phosphate (CAS # 97281-48-6)	1,000
Cholesterol (CAS # 57-88-5)	0,250
Preservatives: - Phenoxyethanol CAS: 122-99-6	0,750

Particle size:	110 - 200 nm. (Dynamic Laser scattering –DLS).
Manufacturing method:	Microfluidization.
Net charge of the liposome:	Negative.
Type of liposome:	Oligo-unilamellar.
Color:	White
Appearance:	Milky liquid. Absence of foreign matter.
Odor:	Mild, pleasant.
pH:	6,50 - 7,80 (25°C) (USP XXVII)
Density:	0,980 - 1,050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	5,50 – 7,50 gr.% minimum (0.5 gr. 1 hour 110° C).
MAP determination in liposome (HPLC):	90 – 110%.
Microbiological control:	Aerobic Mesophylls: 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