

MULTIVITAMIN LIPOSOMES

CODE: LIP-96

Date of last amendment: 16.12.2021

INCI name: WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) RETINYL PALMITATE (AND) TOCOPHEROL (AND) ASCORBYL PALMITATE PHENOXYETHANOL (AND) SALICYLIC ACID (AND) SORBIC ACID (AND) BETA-CAROTENE.

DESCRIPTION: Liposomes from non-GMO soybean phospholipids, which encapsulate and transport Retinyl Palmitate, Ascorbyl Palmitate, Tocopherol and β -Carotene

COMPOSITION (INCI NAME)	% (weight)	CAS #
Water (Aqua)	77.55 – 69.15	7732-18-5
Phospholipids	14.00 – 17.00	123465-35-0
Retinyl palmitate	3.00 – 5.00	79-81-2
Tocopherol	2.00 – 3.00	59-02-9
Ascorbyl Palmitate	2.00 – 3.00	137-66-6
Beta-Carotene	0.10 – 1.00	7235-40-7
Preservatives:		
Phenoxyethanol	0.90 – 1.10	122-99-6
Salicylic Acid	0.30 – 0.50	69-72-7
Sorbic Acid	0.15 – 0.25	110-44-1

Particle size:	100 – 300 nm (Dynamic Laser Scattering).
Manufacturing method:	Microfluidization
Net charge of the liposome:	Negative
Type of liposome:	Oligo-unilamellar
Color:	Orange
Appearance:	Opalescent liquid. Absence of foreign matter
Odor:	Mild
pH:	6.00 – 7.50 (25°C) (USP XXVII)
Density:	0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)
Dry residue:	28.00 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.
Shelf life:	2 years

Store between 10-20°C. Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE