

MULTIVITAMIN LIPOSOMES

CODE: LIP-109

Date of last amendment: 01.25.2023

INCI name: WATER (AND) LECITHIN (AND) GLYCERIN (AND) SORBITOL (AND) TOCOPHERYL ACETATE (AND) BENZYL ALCOHOL (AND) GLYCERYL LINOLEATE (AND) GLYCERYL LINOLENATE (AND) GLYCERYL CAPRYLATE (AND) RETINYL PALMITATE (AND) SODIUM ASCORBYL PHOSPHATE (AND) XANTHAN GUM (AND) GLYCERYL UNDECYLENATE.

DESCRIPTION: Soy lecithin liposomes encapsulating vitamins.

COMPOSITION (INCI NAME)

% (weight)

CAS

WATER	73,70	7732-18-5
LECITHIN	10,00	8002-43-5
GLYCERIN	5,00	56-81-5
SORBITOL	5,00	50-70-4
TOCOPHERYL ACETATE	1,50	7695-91-2
GLYCERYL LINOLEATE	0,70	2277-28-3
GLYCERYL LINOLENATE	0,70	18465-99-1
RETINYL PALMITATE	0,50	79-81-2
SODIUM ASCORBYL PHOSPHATE	0,50	66170-10-3
XANTHAN GUM	0,50	11138-66-2
ADDITIVES:		
BENZYL ALCOHOL	0,90	236-935-8
GLYCERYL CAPRYLATE	0,70	26402-26-6
GLYCERYL UNDECYLENATE	0,30	65684-27-7

Particle size: 100 – 300 nm (DLS)

Manufacturing method: Microfluidization

Net charge of the liposome: Negative

Type of liposome: Oligo-unilamellar

Color: Yellow

Appearance: Semi-translucent to opalescent liquid.

Odor: Characteristic

pH: 5.00 – 7.50 (25°C) (USP XXVII)

Density: 0.990 – 1.060 (pycnometer) (20°C) (USP XXVII)

Dry Residue: 14 gr % minimum (0.5 gr. 1 hour 110° C)

Microbiological control: Mesophilic bacteria: less than 100 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.

Note: The product may phase separate over time due to the difference in density of the liposome with water.
The product is homogenized with a gentle agitation.

Keep refrigerated (5 – 15°C). Do not freeze. Protect from light. Shake before use.

EXTERNAL COSMETIC USE