

## ALLANTOIN MOISTURIZING LIPOSOMES

**CODE:** LIP-3

Date of last amendment: 09/12/2021

**INCI name:** WATER (AQUA) (AND) PHOSPHOLIPIDS (AND) ALLANTOIN (AND) PHENOXYETHANOL (AND) CAPRYLYL GLYCOL (AND) TOCOPHERYL ACETATE

**DESCRIPTION:** LIP-3 is composed of purified non-GMO soy phospholipids. These natural delivery systems encapsulate and transport Allantoin and Vitamin E, powerful active ingredients that moisturize and repair the skin layer.

| COMPOSITION (INCI NAME) | % (weight) | CAS #               |
|-------------------------|------------|---------------------|
| Water (Aqua)            | 87.775     | 7732-18-5           |
| Phospholipids           | 10.000     | 123465-35-0         |
| Allantoin               | 1.000      | 97-59-6             |
| Tocopheryl Acetate      | 0.125      | 7695-91-2 / 58-95-7 |
| <b>Preservatives:</b>   |            |                     |
| Phenoxyethanol          | 0.900      | 122-99-6            |
| Caprylyl Glycol         | 0.200      | 1117-86-8           |

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Particle size:</b>              | 100 – 300 nm. (DLS)                                                                           |
| <b>Manufacturing method:</b>       | Microfluidization                                                                             |
| <b>Net charge of the liposome:</b> | Negative                                                                                      |
| <b>Type of liposome:</b>           | Oligo-unilamellar                                                                             |
| <b>Color:</b>                      | Yellowish White                                                                               |
| <b>Appearance:</b>                 | Semi-translucent to slightly opalescent liquid. Absence of foreign matter                     |
| <b>Odor:</b>                       | Mild, pleasant                                                                                |
| <b>pH:</b>                         | 6.00 – 7.50 (25°C) (USP XXVII)                                                                |
| <b>Density:</b>                    | 0.980 – 1.050 (pycnometer) (20°C) (USP XXVII)                                                 |
| <b>Dry Residue:</b>                | 10 gr.% minimum (0.5 gr. 1 hour 110° C)                                                       |
| <b>Microbiological control:</b>    | 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**