



## TECHNICAL DATA SHEET

002247-TDS-ENG-2023

| <b>MAGNESIO ESTEARATO VEGETAL (EUR. PH.)</b>  |   |   |
|---|---|---|
| DESCRIPTION DCI: MAGNESIUM STEARATE VEGETABLE |   | DESCRIPTION DOE: MAGNESIO ESTEARATO VEGETAL |
| CAS N°: 557-4-0                               | EC N°: 209-150-3  | AEMPS CODE: ---                             |
| MOL. WEIGHT: 591,24                           | MOL. FORMULA: (C <sub>18</sub> H <sub>35</sub> O <sub>2</sub> ) <sub>2</sub> · Mg | ARTICLE CODE: 002247                        |

| ATTRIBUTES   | SHOULD BE   |
|--|---|
| Appearance   | White or almost white, very fine, light powder, greasy to the touch |
| Solubility   | Practically insoluble in water and in anhydrous ethanol             |
| Identification C   | Complies  |
| Identification D   | Complies  |
| Acidity or alkalinity  | Not more than 0.05 mL of 0.1 M HCl or 0.1 M NaOH                    |
| Chlorides  | <= 0.1 %  |
| Sulfates   | <= 1.0 %  |
| Cadmium  | <= 3 ppm  |
| Lead   | <= 10 ppm   |
| Nickel   | <= 5 ppm  |
| Loss on drying   | <= 6.0 %  |
| Microbiological control  |   |
| TAMC   | <= 1000 CFU/g   |
| TYMC   | =<100 CFU/g   |
| E. Coli  | Absence/1g  |
| Salmonella   | Absence/1g  |
| Assay  |   |
| Magnesium  | 4.0 - 5.0 %   |
| Stearic acid in the fatty acid fraction                          | >= 40.0 %   |
| Sum of stearic acid and palmitic acid in the fatty acid fraction | =< 90.0 %   |

### COMPLIES WITH

European Pharmacopoeia 11.0

### STORAGE

Store in a cool place. Keep the container tightly closed, in a dry and well-ventilated place.

### REMARKS

Industrial use product.