

## ROQUETTE MAGNESIUM STEARATE

### Definition

#### Product Identifier

**Product name:** ROQUETTE MAGNESIUM STEARATE

Compound of magnesium with a mixture of solid organic acids.

### Specifications

#### A) CHARACTERS

**APPEARANCE** Very fine, light-white powder.

#### B) IDENTIFICATION

**IDENTIFICATION TESTS** Complies

#### C) TESTS

<b>MAGNESIUM CONTENT (on DS)</b>	4.0 - 5.0 %
<b>LOSS ON DRYING</b>	6.0 % max.
<b>ACIDITY or ALKALINITY</b>	Complies.
<b>SPECIFIC SURFACE AREA</b>	5.0 - 10.0 m <sup>2</sup> /g
<b>ACID VALUE</b>	195 - 210
<b>FREE FATTY ACID</b>	1.0 % max.
<b>RELATIVE CONTENT OF STEARIC ACID</b>	40% min.
<b>RELATIVE CONTENT OF STEARIC AND PALMITIC ACID</b>	90% min.
<b>CHLORIDES</b>	0.10% max.
<b>SULFATE</b>	1% max.
<b>CADMIUM</b>	3 mg/kg max.
<b>LEAD</b>	10 mg/kg max.
<b>NICKEL</b>	5 mg/kg max.
<b>PARTICLE SIZE :</b>	
- RESIDUE ON 45 MICRONS	1.0 % max.

#### MICROBIOLOGICAL VALUES

<b>TOTAL AEROBIC MICROBIAL COUNT</b>	1000 CFU/g max.
<b>TOTAL YEASTS AND MOULDS COUNT</b>	100 CFU/g max.

## ROQUETTE MAGNESIUM STEARATE

ESCHERICHIA COLI	Not detected in 1g
PSEUDOMONAS AERUGINOSA	Not detected in 1g
SALMONELLA	Not detected in 10g
STAPHYLOCOCCUS AUREUS	Not detected in 1g

### Indicatives Values

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Solubility information:

Insoluble in alcohol, water and ether.

### Comments

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Methods used by ROQUETTE may be pharmacopeia methods or alternative validated methods which have been compared to the pharmacopeia methods.

### Conformity

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Conforms to the requirements of the current monograph

- **European Pharmacopoeia** MAGNESIUM STEARATE (0229)
- **National Formulary from USP-NF** MAGNESIUM STEARATE
- **Japanese Pharmacopoeia** MAGNESIUM STEARATE

Please contact us for any statement regarding compliance to the general chapter (elemental impurities, residual solvent, organic volatile impurities, metal catalyst, metal reagent).

### Storage

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Store in dry area in original well-closed containers.

**Retest date** manufacturing date + 48 months.

### Disclaimer

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The information provided in this Product Specification Sheet relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process.

All information and instructions provided in this Product Specification Sheet are based on the current state of our knowledge at the latest revision date indicated. It is the responsibility of the user to be aware of and to follow the regulations applying to our product for its possession, handling and use.

Notes : All the dates are formatted like YYYY/MM/DD.