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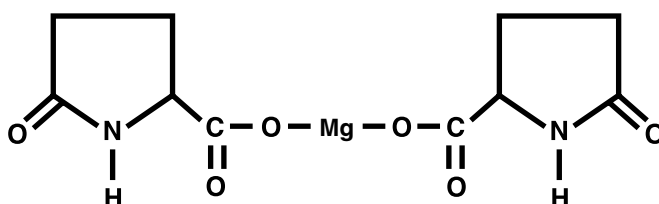
Magnesium Pyrrolidone Carboxylate 13001

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- CAS number62003-27-4
- European Pharmacopoeia, Monography 1619



Definition

Salt of magnesium of pyroglutamic acid.

- Other common namesPCMg
 Magnesium pyroglutamate
 Magnesium pidolate
- Molecular formula..... $C_{10}H_{12}N_2O_6Mg$
- Molecular mass280,52 g/mol

Description

Fine white powder very soluble in water and soluble in methanol.

Use

Pharmaceutical industry : therapies with magnesium.
 Nutraceutical and Animal Nutrition Industries: supplement.

Physico-chemical characteristics

	Standard
pH (10 % solution)	5,5 - 7,0
Water	≤ 8,0 %
Glutamic acid	≤ 0,6 %
Specific rotation (on anhydrous basis)	- 26,5° to - 23,3°
Assay for magnesium (on anhydrous basis)	8,49 - 8,84 %
[N-(5-oxo-2-pyrrolidinyl)-4- carboxylamino 1.5-pentanedioic] acid	≤ 1,0 %
Other related substances	≤ 0,5 %

Les informations contenues dans ce document, données à titre indicatif, sont conformes à nos connaissances actuelles.

Il est de la responsabilité des utilisateurs de conduire leurs propres tests pour déterminer les conditions d'utilisations selon leurs usages spécifiques.

The information contained in this publication is based on our own research and development work and is to the best of our knowledge true and accurate.

Users should, however, conduct their own tests to determine the suitability of our products for their own specific purposes.

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Documentation

A certificate of analysis is supplied with each delivery.

Packing and storage

50 kg and 25 kg net corrugated board box with inner polyethylene bags.

Upon request : big bag loaded up to 420 kg maximum.

Keep in original packaging closed when not in use,
at room temperature in a dry area.

Hygroscopic product.

Expiry date : 2 years.

Health and safety information

Dusty powder.

Avoid inhalation.

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