

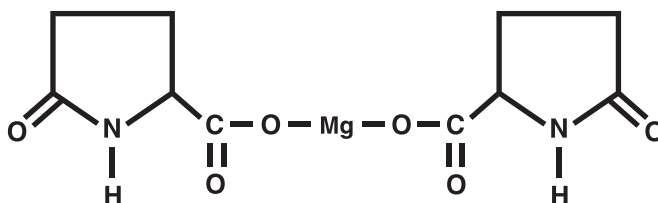
Edition 11/2010
Replace Ed. 01/2010



Magnesium Pidolate

13001

- CAS number62003-27-4
- European Pharmacopoeia, Monograph 1619
- Certificate of Suitability n° R0-CEP 2008-224 Rev 01



Definition

Salt of magnesium of pyroglutamic acid.

- Other common namesPCMg
Magnesium pyroglutamate
Magnesium Pyrrolidone Carboxylate
- 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 content	≤ 8.0 %
Specific rotation (on anhydrous basis)	- 26,5 to - 23,3
Assay for magnesium (on anhydrous basis)	8,49 - 8,84 %
Impurity A (Glutamic acid)	≤ 0.6 %
Impurity B	≤ 1,0 %
Other related substances	≤ 0,5 %

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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.

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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