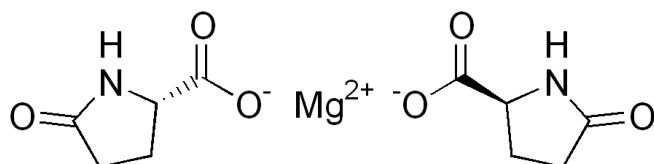


TECHNICAL DATA SHEET

Edition 05/2017
Replace Ed. 11/2010

MAGNESIUM PIDOLATE 13001

- CAS number 62003-27-4
- European Pharmacopoeia, Monograph 1619
- Certificate of Suitability n° RO-CEP 2008-224 Rev 01



Definition

Salt of magnesium of pyroglutamic acid.

- Other common names PCMg
Magnesium pyroglutamate
Magnesium Pyrrolidone Carboxylate
- Molecular formula C₁₀H₁₂N₂O₆Mg
- Molecular mass 280,52 g/mol.

Description

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

Use

Pharmaceutical industry : oral therapies with magnesium.
Nutraceutical and Animal Nutrition Industries: supplement.
Not intended for parenteral use.

Physico-chemical characteristics

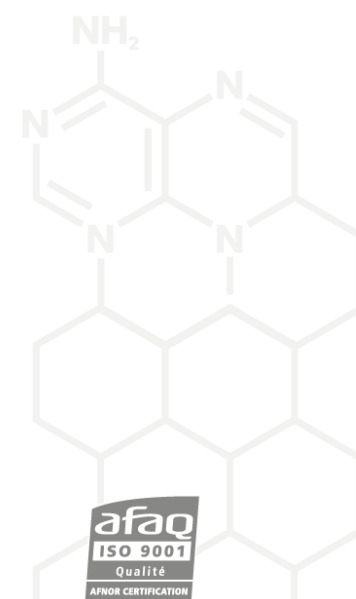
	Standard
pH (10 % solution)	5,5 - 7,0
Water content	≤ 8.0 %
Specific rotation (on anhydrous basis)	- 26,5 to - 23,3
Assay for magnesium (on anhydrous basis)	8,49 - 8,84 %
Impurity A (Glutamic acid)	≤ 0.6 %
Impurity B	≤ 1,0 %



YOUR PEPTONE EXPERT PARTNER



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MAGNESIUM PIDOLATE / 13001

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.

Hygroscopic product.

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

Expiry date : 2 years.

Health and safety information

Dusty powder.

Avoid inhalation.



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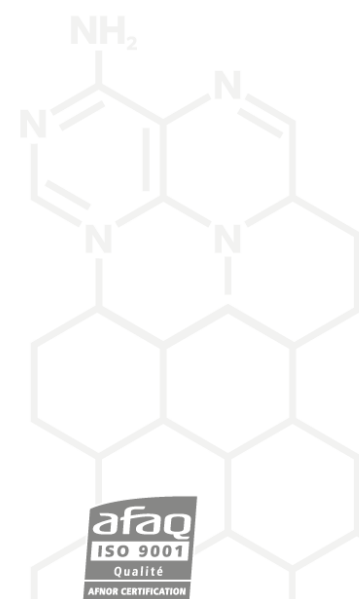
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