



MAGNESIUM PIDOLATE FG 13005

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Definition

Magnesium Pidolate is a highly soluble Magnesium Salt.
The pyrrolidone carboxylate acid (or Pidolic acid) linked to the Magnesium ion makes this salt highly bioavailable with excellent tolerance.

Description

Fine white powder very soluble in water.
Magnesium Pidolate FG is compliant with EC Regulation n°1881/2006 setting maximum levels for certain contaminants in foodstuffs.

Use

Nutraceutical and Animal Nutrition Industries: supplement.

Physico-chemical characteristics

	Standard
Solubility in purified water at 10 %	Complete
pH (10% solution)	5.5 – 7.0
Stability after autoclaving (3% solution)	No precipitate
Water	≤ 10 %
Specific rotation (on anhydrous basis)	-26.5 to -23.3
Arsenic	≤ 2 ppm
Cadmium	≤ 1 ppm
Lead	≤ 3 ppm
Mercury	≤ 0.1
Chlorides	≤ 0.3 %
Iron	≤ 200 ppm
Sulphates	≤ 1 000 ppm
Nitrates (HPLC)	≤ 200 ppm
Impurity A (glutamic acid)	≤ 1.0 %
Impurity B (acid n-oxo...)	≤ 1.0 %
Assay for magnesium (on anhydrous basis)	8.3 – 9.0 %

Microbiology

	Standard
Total aerobic microbial count	≤ 1 000 / g

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

The certificate of analysis is supplied with each delivery.

Packing and storage

50, 25 and 20 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.

Best before: 2 years

Health and safety information

Dusty powder.

Avoid inhalation.

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