

BROMADVANCE™
5000



Introduction:

Bromadvance 5000™ is an extract from the stem of fresh pineapple (*Ananas comosus*) whose main feature is the high titration in bromelain (5000 GDU/g).

Bromelain is a proteolytic enzyme active in a wide pH range, allowing it to act in different environments: from the acidic environment of the stomach and the alkaline environment of the small intestine.

The action of bromelain occurs precisely in the stomach and intestine. Its best-known property is its ability to digest food proteins, helping to facilitate this process for the stomach and pancreas.

Applications:

- Physiological adjuvant for localized inflammations of soft tissues.
- Physiological adjuvant to improve circulation and skin trophism.
- Physiological adjuvant for digestive function

- Also presents mucolytic, immunomodulating and gastroprotective activities.

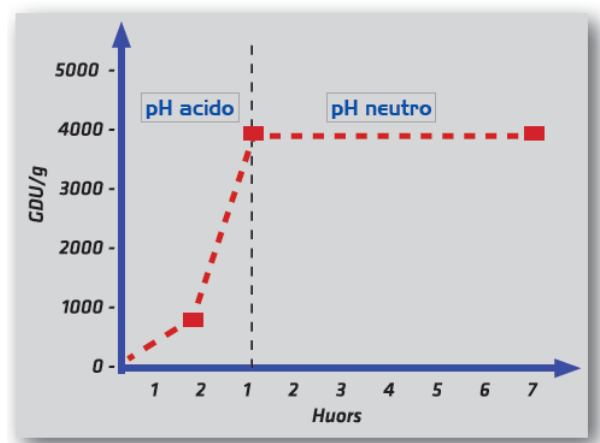
Coated version: Bromadvance 5000 PLUS

From the analyzes carried out in the laboratory we highlight:

Sample subjected to a 2 hour treatment in an acid pH environment = 840 GDU/g

Sample subjected to a 1 hour treatment in a neutral pH environment = 3990 GDU/g

Sample subjected to a 7 hours treatment in a neutral pH environment= 3850 GDU/g



Bibliography:

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Taussiga S, Batkinb S. Bromelain, the enzyme complex of pineapple (*Ananas comosus*) and its clinical application. An update Journal of Ethnopharmacology Volume 22, Issue 2, February–March 1988, Pages 191-203

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