





Introduction:

Promunel® contain characterized standardized polyphenol complex that is always the same in any type of extract that is powdered or liquid, alcoholic or non-alcoholic.

Propolis M.E.D.®:

Propolis M.E.D.® extracts are obtained by B Natural patented technology of extraction M.E.D.®.

It is guaranteed for all Propolis M.E.D.® extracts the standardization of the content of Polyphenols through evaluation of 6 markers that corresponds to the 25% of the total amount of the Polyphenols indicated in the titration: Apigenin, Chrysin, Galangin, Pinobaskin, Pinocembrin, Quercetin.

Propolis, a product with multiple benefits and numerous therapeutic applications:

Antioxidant activity

- Antinflammatory activity
- Antibacterial activity
- Antiviral activity

Therapeutic applications:

- Respiratory health: Bee products have been used empirically for centuries especially for the treatment of respiratory diseases and, among them, Propolis is the most studied. B Natural has conducted extensive scientific research which led to develop a patented method of extraction (M.E.D.® extraction technology) able standardize polyphenol complex consistent from batch to batch and despite the carrier used.
- Oral care: The oral cavity is a dynamic environment characterized by hundreds of bacterial species, saliva, and an influx of nutrients and metal ions. In recent decades, oral infections have become one of the most common pathologies in the general population,





due in large part to infectious complications associated with poor oral hygiene. As a consequence, the treatment of oral infections must aim also at restoring the ecological balance of the oral cavity and minimizing the of resistance emergence the microorganisms present in the mouth (Prieto-Prieto &Calvo, 2004).

 Gastrointestinal health: The gastrointestinal tract consists of a hollow muscular tube starting from the oral cavity, where food enters the mouth, continuing through the pharynx, esophagus, stomach and intestines to the rectum and anus, where food is expelled.

This system makes use of the synergy of an entire bacterial population (microbiome) which allows the digestion and assimilation of food. Maintaining the health of this bacterial population combined with the defense of infections from pathogens is the key to the best state of health of the organism.

Intimate care: Propolis M.E.D.[®], thanks to its activity against microorganisms involved in vaginal infections, thanks its antioxidant and

antinflammatory activities, thanks mucoadhesive and acid properties is a good ingredient in supplements or medical devices as adjuvant in treatment of vaginal infections or maintaining the natural balance in vaginal and urinary tract health.

Bibliography:

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