

## Product overview of Boswella

### Standardized extract of *Boswellia serrata*.

- All-natural, non-steroidal anti-inflammatory agent that helps reduce joint pain and stiffness
- Promotes normal breathing regularity
- A traditional Ayurvedic herb used in India for more than 3,000 years

### Product Description

Powdered extract of *Boswellia serrata* (resin) standardized to 65% Boswellic acids for use in dietary supplements and nutraceutical food and beverage products.

### Product Overview

Boswellia is a traditional Ayurvedic herb derived from gummy tree resins known for their anti-inflammatory properties used in treating both arthritis and asthma. The active ingredients in Boswellia are *boswellic acids*, which confer a protective effect on joint connective tissues by inhibiting the destructive enzymes that breakdown these tissues and contribute to painful inflammation and arthritis. A leading cause of joint inflammation is the buildup of arachidonic acid (a fatty acid) in the cells of connective tissues. Standard non-steroidal anti-inflammatory drugs (NSAIDs) like aspirin block the formation of prostaglandins. Boswellic acids, on the other hand, prevent the formation of leucotrienes by inhibiting the activity of the enzyme needed for their formation. Boswellic acids also affect the production of antibodies and cell-mediated immunity (specific immune cells other than antibodies, such as macrophages, killer cells and leucotrienes, that react to foreign particles in the body), both of which contribute to inflammation.

### Proposed Structure/Function Claims:

- Reduces joint pain and stiffness
- Improves joint flexibility
- Promotes healthy joint function
- Promotes normal breathing