

## SpecPure® BML



Product code: 160013  
CAS No.: 9001-00-7  
EINECS No.: 232-572-4  
INCI name: Bromelain  
Synonym: Pineapple enzyme; Stem bromelain; Bromelase; Pinase

### Properties

Bromelain is a type of pure natural plant protease obtained through extracting from pineapple's stem, leaf, and peel, refining, purifying, concentrating, enzyme immobilization, and freeze drying. Bromelain has outstanding effect on skin smoothening and whitening, as well as freckle eliminating.

Bromelain can work on aged stratum corneum of human skin, causing it to retreat, degrade, and peel off; it can stimulate skin's metabolism and reduce skin darkening caused by the sun, keeping it smooth, tender, and bright.



### Specification

Appearance	Off white to pale yellow powder
Odor	Characteristic smell of Pineapple
Activity	60.0000 u/g min
	10.0000 u/g min
	120.0000 u/g min

### Appropriate Using Conditions

Temperature: 30-45 °C .  
pH: 6.0-6.8.  
The interpolative amount is 0.2-1.0%.

### Caution

As a bio-active substance, it is easily inhibited or destroyed by heavy metals (such as Fe<sup>3+</sup>, Cu<sup>2+</sup>, Hg<sup>2+</sup>, Pb<sup>2+</sup> etc.) and oxidant. So should prevent from coming into contact with them.

**Storage:** Recommend to store at low temperature and protected from light.

**Package:** 1kg/Aluminum foil bag.