



华熙生物
BLOOMAGE BIOTECH

BIOACTIVE
生物活性物



For Oral Care

Biomoist™ Hyaluronic Acid

A natural active factor for oral care

With characteristics of moisturizing, film-forming, anti-inflammatory and repairing, Biomoist™ is an ideal material for oral care products, such as toothpaste, mouthwash, spray, gel, etc..



Natural Moisturizing Factor,
Relieve dry mouth



Repair damaged
gingival tissue



Reduce oral
inflammation

Natural and safe ingredient

Bio moist™ Hyaluronic Acid is a kind of mucopolysaccharide produced by fermentation, which widely exists in Extracellular Matrix (ECM) and Intercellular Substance in mammals, and is rich in the eyes, skin, joint in the human body. As a natural component, Bio moist™ has no antigenicity, and high biocompatibility.

Relieve dry mouth

Bio moist™ is excellent in water retaining, binding 500 times water of its own weight, keeping the moisturized surrounding, and thus relieving dry mouth.

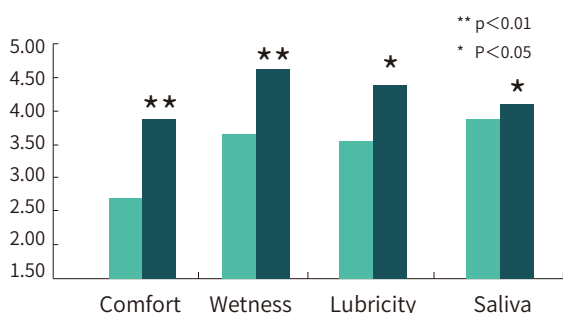


Figure 1. The moisturizing effect of Bio moist™
(Bio moist 0.5%, Human Sensory Evaluation)

Reduce oral inflammation

The results of cell test showed that Bio moist™ could decrease inflammatory factor level induced by irritations and reduce the oral tissue inflammation.

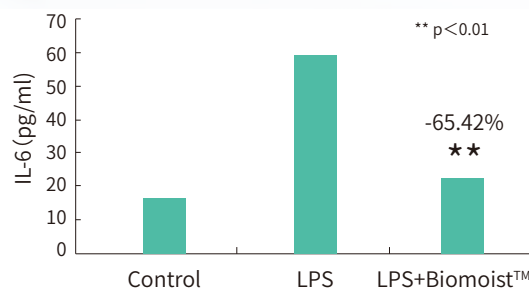


Figure 2. The anti-inflammatory effect of Bio moist™
(Bio moist 0.2%, the anti-inflammatory evaluation based on HGF-1 system)

Repair damaged gingival cells

The results of cell test showed that Bio moist™ could repair damaged cells effectively. The cell growth ratio of Bio moist™ group was far more than control group. The damaged area was almost turned to normal after 48h treatment of Bio moist™.

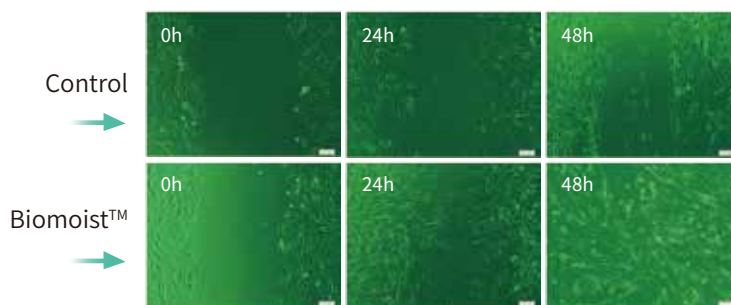


Figure 3. The repairing effect of Bio moist™
(Bio moist 0.2%, the repairing evaluation based on HGF-1 system)



Usage

Soluble in water; can be added in aqueous phase; recommended dosage 0.05%-0.5%.

