

CAS#56-12-2

# IACTIVE GABA

Aminobutyric Acid

- Anti-aging

iActive GABA is a non-protein amino acid, due to all its benefits; it works as an ideal anti-aging agent ingredient. It can penetrate the skin and relax tense muscles thereby significantly reducing expression lines to achieve a fresher younger looking skin.

## Characteristics

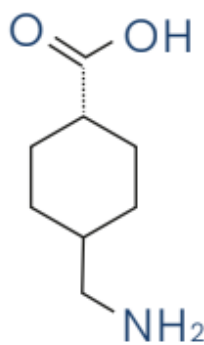
GABA is known to act as a wound healer as well. Being a neurotransmitter inhibitor is what allows for its topical muscle tone which is mostly compared to "Botox-like" effect. Research in this topical application suggests that it then improves the skin barrier.

There are GABA receptors on the skin surface. The inhibitory or excitability of GABA receptor controls the relaxation and tension of the expression muscles. GABA can quickly penetrate into the skin and activate the GABA receptors, then the tense expression muscles are relaxed, the expression lines are stretched.



## Aplication

- Anti-aging and anti-wrinkle lotions, creams and serums.
- Skin smoothing lotions and creams.
- Therapeutic wound healing topical products.
- Hair conditioning: shampoos.



## Skin Care Benefits

- Botox-like effect due to muscle relaxation.
- Promotes Hyaluronic Acid as well as collagen synthesis.
- Repairs damaged skin.
- Skin healing effects.
- Favorable adhesion and moisturization.



## Hair Care Benefits

- Affinitive to hair, repair split-end and tangle of hair.

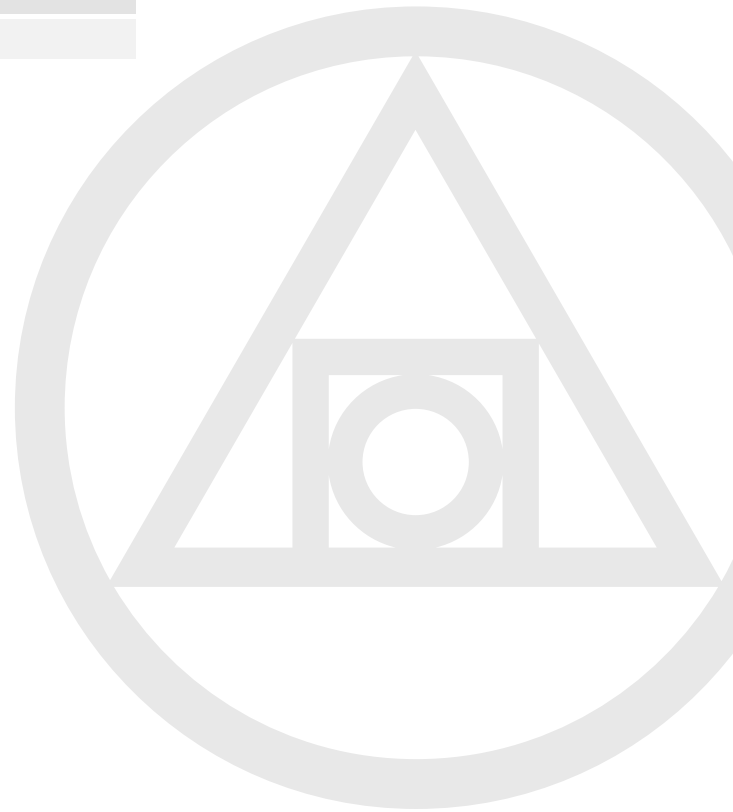


## Formulation instructions

Recommended dosage 0.05-0.3%  
Recommended pH level: 5.0-7.0.  
This product is easily dissolved in water and is slightly dissolved in hot ethanol.

## Technical Data

Contents	iActive DPG
Aspect	Crystal powder
Color	White
pH Value (5% soln)	6.0-8.0
Assay	Calculated on the anhydrous substance, contains C <sub>4</sub> H <sub>9</sub> NO <sub>2</sub> no less than 98%.
Loss on drying (%)	<0.4%



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