

**Product:** GABA

**INCI:** Gamma Aminobutyric Acid; 4-aminobutanoic acid

**Ph:** n/a

**Purity:** 100% / USP

**Derived from:** Gamma-aminobutyric acid, is the product of a biochemical decarboxylation reaction of glutamic acid by the vitamin pyridoxal, as well as from decarboxylase (GAD)

**Physical form:** white granules/powder

**Solubility:** Soluble in both cold and/or warm water

**Melting Point:** 395.6 f

**MSDS and/or CoA:**

**Properties/Attributes:**

- \* temporarily although immediate, reduces fine lines
- \* reported to work wonders in the décolletage (neck) area! Typically sun damaged
- \* used in many lip care formulas to plump and smooth out lines while adding definition to the lips
- \* should be applied topically to those parts of the face where wrinkles are present.

**How does it work?**

"Gamma Aminobutyric Acid" will temporarily stop the movement of facial muscles. Topically applied GABA temporarily disrupts the signal that makes the muscles contract which will relax the muscles. GABA aids in wrinkle reduction and removal by relaxing those muscles of the face that remain tense, creating certain types of wrinkles.

There are no Clinical studies to be certain of the actual effectiveness of this ingredient.  
This is a test/try/result/feed back active ingredient.

**Applications:** topical application

**Formula/Recipe:** up to 1% [some sites are recommending up to 13% strength]

The easiest method of application when making your own formula would be to add this to an existing cream.

For example:

2 ounces of base cream          60 grams

1% strength would be .6 gram

**NOTE:** it is always a good idea to start with the lowest % and work your way up!!