

## Data Sheet - Betaine Anhydrous

### Betaine Anhydrous 98% (Food grade)

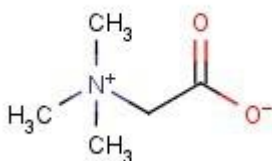
#### Product Identification

Systematic name: Carboxymethyl trimethylammonium inner salt

Ingredient: 98% Betaine

CAS No.: 107-43-7

Chemical Structure:



Chemical Formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub> Molecular Weight: 117.15

#### Specification

#### Standard

Appearance	white crystalline powder
Content of Betaine	≥98.0%
Loss on drying	≤2.0%
Residue on ignition	≤0.1%
pH	5-7
As	≤0.0002
Heavy metals(as pb)	≤0.001

#### Product Applications

1. It has the effects of improving eyesight, reducing fatty liver disease, protecting kidney and curing angiocardopathy, therefore it can be one kind of material for health care products. Due to its role in health and its colorless and slightly sweet features, it can also be widely applied in the fields of food and functional drinks.
2. In the applications of personal care products and cosmetics, it is a good moisturizer. It can be used to stimulate cell activity, improve the moisture retention rate of skin and hair, therefore, it can keep skin moisturized and smooth, make hair shiny.
3. It can be one kind of additives in the daily chemical products. Due to its features of foaming, wetting and detergency, it can be widely used in shampoos, liquid soaps etc..
4. It can also be used as base ingredient in the fermentative production of amino acid products and vitamins.
5. Because of its protection to the stability of VA and VB, it will improve their effects.

#### Product Advantages

Free-flowing, low moisture sorption, not easy caking, low trimethylamine residue & no chlorine after special process handled.

**Storage:** Store in a dry and cool place in original packing.

**Expiry Date:** The shelf life is 24 months in original packing.

**Packing:** 25KGS/CARTON or Drum, PE inner