Technical Data Sheet

Product name: **Betaine Hydrochloride**

The application:

1. It can be used as methyl supplier to provide high efficient methyl and replace the methionine & choline chloride partially.
2. It can take part in the biochemical reaction of animal and provide methyl, it is helpful to the synthesis & metabolism of protein and nucleic acid.
3. It can improve the metabolism of fat and increase the meat factor and improve immunologic function.
4. It can adjust the penetration pressure of cell and reduce the stress response to help the growth of animal.
5. It is a good phagostimulant for marine lives and it can improve the feeding quanitityies and the surviving rate of animal and improve the growth.

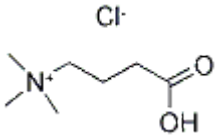
6.It can protect epithelial cell of intestinal tract to improve the resistance to coccidiosis.

Product standard

CAS#:590-46-5

Molecular formula: $C_5H_{11}NO_2$•HCl

Molecular weight: 153. 61



Chemical name: Trimethyl glycine hydrochloride

Appearance: Crystalline granule

Index	Standard	Analytic method
Betaine Hydrochloride	≧98%	NY/399-2000
Loss on drying	≤1.0%	NY/399-2000
Residue on ignition	≤1.0%	NY/399-2000
Heavy metals (as pb)	≤10ppm	NY/399-2000
As	≤2ppm	NY/399-2000

Usage levels:

For pigs: weaned pig 800-1000g/ton per day, growing and fattening pig 800-2000g/ton per day.

For poultry: 200-800g/ton per day.

For aquatic feed: 400-1500g/ton per day

For specific recommendations on dose rates, please contact us.

Storage & Shelf life

The guarantee period is 2 years in the original packing, the temperature should not exceed 40°C.

Packing

25kg/bag HMHPE laminated paper bag, HDPH liner