



海尔希  
HEALTHY

FAMIQS



# Betaine liquid

— Treated with a special process —

**Low residues of trimethylamine**

**Low chlorine content in brine-free agents**

Does not affect the electrolytic balance constant  
and vitamin potency of the feed.

## product standard

Product composition: 50% betaine in water

Chemical formula:  $C_5H_{11}NO_2$

Chemical name: Trimethylglycine

Appearance: colorless transparent or slightly yellow liquid

Name	Content	Heavy metal	Arsenic	Chloride	Trimethylamine residues
50% betaine (no salt) in water	$\geq 50\%$	$\leq 10\text{mg/kg}$	$\leq 2\text{mg/kg}$	$\leq 0.2\%$	$\leq 50\text{mg/kg}$
50% betaine (containing salt) in water	$\geq 50\%$	$\leq 10\text{mg/kg}$	$\leq 2\text{mg/kg}$	$\leq 13\%$	$\leq 100\text{mg/kg}$

Note: Heavy metals are counted as Pb and arsenic is counted as As. Chloride is calculated as NaCl for saline-containing aqueous agents, and Cl for non-saline-containing aqueous agents.

## Product Features

- Replaces methionine and choline to provide high-performance methyl groups used in the synthesis of vital life substances such as proteins and nucleic acids.
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- Reduces stress, improves duodenal microvilli length, improves intestinal health, increases digestive enzyme activity, and increases feed intake.
- Promotes aquatic animal feeding and improves aquatic animal survival rate. Salt-free water agent is used when the water body changes and crustaceans shed their shells. It is better to be used when the water body changes and crustaceans shed their shells.

## Reference additive amount (Kg/T for 50% betaine)

Animal species	Hog	Egg-laying poultry	Meat and poultry	Shrimps and crabs	Fishery
Additive amount	0.4-3.5	0.4-1.0	0.4-1.6	2.0-6.0	1.0-6.0

Note: Salt-containing aqueous agents are not recommended for use in shrimp and crab feeds.

**Shelf life:** sealed in a ventilated dry place, stored in the original packaging for 24 months

**Package:** 225kg or 1000kg, polyethylene full plastic drum.

## Healthy (Hangzhou) Husbandry Sci-tech Co., Ltd

Add: No. 890 Zhangjialong Village, Daicun Town, Xiaoshan district, Hangzhou, 311261, Zhejiang Province, China

T: +86 571 82726311

E: sales@healthy-tech.com.cn

F: +86 571 82750399

W: www.healthybetaine.com