

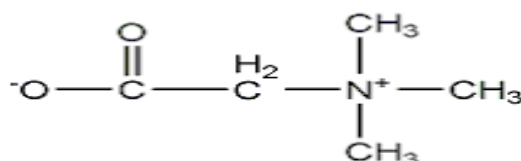
■Betaine Anhydrous

Introduction

Betaine Anhydrous can be extracted from roots, stems, leaves and fruits of natural plants or synthesized by chemical synthesis of trimethylamine and chloroacetic acid as raw materials. It is easy to absorb moisture in scales or rims and decompose to about 310° in heat with sweet taste. Betaine is a highly effective and high quality growth promoting nutritional additive. It is used in medicine, cosmetics, food, fruit juice industry, and dental materials. It is also used in fermentation industry. It is easily soluble in water, methanol, ethanol and ether.

Ingredient

Product name	Betaine Anhydrous
CAS	107-43-7
MF	C ₅ H ₁₁ NO ₂
MW	117.15
MS	



Item and Standard

ITEM	UNIT	STANDARD
Appearance		White crystalline powder
Assay(on dry basis)	%	≥98%
Loss on drying	%	≤2%
PH		5.0-7.0
Color		≤20
Sulphate	%	≤0.01%

Application



Betaine is a quaternary ammonium alkaloid. It is widely found in plants, animals and microorganisms. It also forms a good dietary source as it is found in wheat, spinach, shellfish and beets. Betaine is a methyl derivative of the amino acid glycine.

Anhydrous betaine is a new fine chemical, which can be widely used in food, medicine, daily chemical, printing and dyeing, chemical industry and other fields.

Package

25kg

Storage

Please reading safety data sheet before carrying or using the product.
Cool and dry, keep tightly closed, quality guarantee period is two years.