

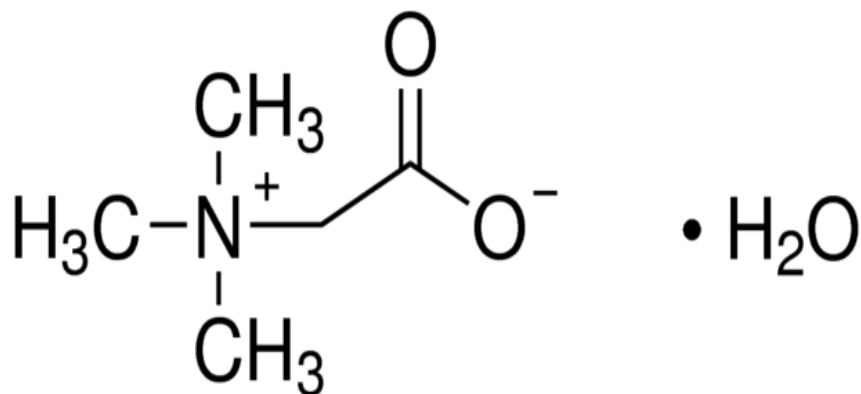
■Betaine monohydrate

Introduction

Properties: white crystal or crystalline powder, reacts with strong oxidant, melting point is 293°C, easily soluble in water, easily soluble in methanol, soluble in ethanol, difficult to dissolve in ether. Through the decomposition reaction of potassium hydroxide solution, trimethylamine can be formed, with hygroscopicity, and release trimethylamine.

Ingredient

Chemical Name	Betaine monohydrate
CAS	17146-86-0
MF	C5H13NO3
MW	135.16
MS	



Item and Standard

ITEM	UNIT	STANDARD
Appearance		White Crystal or Crystalline Powder
Purity (On dry basis)	%	98.0 % ~ 102.0%
Loss on Drying (105°C 4hr)	%	≤ 4.5%
Residue on Ignition (sulfate)	%	≤ 0.2%
pH		4.5 ~ 6.0



Specific Rotation[α]
Arsenic
Heavy Metals (as Pb)
Transmittance

+14.5° ~ +16.5°
≤ 3mg/kg
≤ 10mg/kg
≥ 0.95

Application

In aquatic animal feed as an attractant
Medical grade can be used in medicine
It can be used as food additive
Cosmetic grade can be used as cosmetic moisturizer



Packaging

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.