

PRODUCT DATA SHEET

Trade Name: ActiBiso™ C8G

INCI Name: Capryloyl Glycine

CAS: 14264-53-8

Description

ActiBiso™ C8G is a very good functional ingredient. First of all, it has a antibacterial effect. It has a strong inhibitory effect on Staphylococcus aureus epidermidis and Propionibacterium acnes. It can also inhibit excessive secretion of sebum and has significant effects on acne prevention and treatment. In addition, ActiBiso™ C8G has good affinity for the skin and can efficiently transport the active ingredients in cosmetics, so it can improve the use effect of other functional products. Effectively inhibit the activation of elastase, prevent the decomposition of elastin, and reduce skin wrinkles. Used as a biological medium for glycine to regulate the skin's ecosystem.

Quality Parameters

Characteristic	White or almost white crystalline powder, odorless and bitter. This product is soluble
Identification	The absorption spectrum of this product should be consistent with that of the
Melting point °C	105-109
Acid value (mgKOH/g)	265-300
Loss on drying %	0.5 max
Residue on ignition %	0.1 max
Conten %	98.0 min
Hg (mg/kg)	1.0 max
Pb (mg/kg)	10.0 max
As (mg/kg)	2.0 max
Cd (mg/kg)	5.0 max



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Total number of colonies (cfu/g)	500 max
Total number of mold and yeast	100 max
Heat-resistant coliforms (g)	Negative
Staphylococcus aureus (g)	Negative
Pseudomonas aeruginosa (g)	Negative

Storing

Store in a dry and cool place, sealed and valid for 2 years.

Package

25kg / drum.