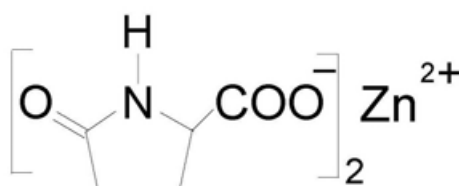


Technical Data Sheet

SFG PCA-Zn20

Zinc PCA
CAS# 15454-75-8



Mol. wt. 319.576
Formula C₁₀H₁₀N₂O₆Zn

Description

SFG PCA-Zn20 is a kind of sebum regulator, expected to be used extensively not only as a means of suppressing sebum, but also as an ingredient for oily skin and anti-acne products in formulation.

Specifications

Item	Specification
Appearance	white to pale yellowish powder solid
pH (10% solution)	5.0 ~ 6.0
Loss on drying (%)	≤ 1.0
Nitrogen (%)	7.7 ~ 8.1
Zinc (%)	19.4 ~ 21.3
Lead (mg/kg)	≤ 10.0
Arsenic (mg/kg)	≤ 2.0
Total bacteria (CFU/g)	≤ 100

Characteristics

- Regulating sebum production: It inhibits the release of 5 α- reductase effectively and regulates sebum production.
- It suppresses Propionibacterium acnes, lipase and oxidation, so it decreases stimulation, reduces inflammation and prevents acne production, which makes it multiple conditioning effect of suppressing free acid, avoiding inflammation and regulating oil levels.

Applications

Recommendatory volumes of usage: 0.1 ~ 1%

Storage Ventilation, dry warehouse stored at room temperature

Shelf Life 2 years (unopened)