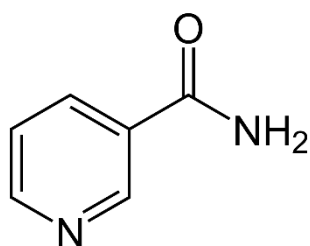


# Technical Data Sheet

## SinoWhite NCA(CG)

Niacinamide  
CAS# 98-92-0



Mol. wt. 122.12  
Formula C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O

### Feature

- Improves skin's elasticity
- Strengthens skin's barrier
- Helps erase discolorations
- Revives skin's healthy tone and texture

### Description

SinoWhite NCA, also known as Niacinamide and Nicotinamide, is amide of Nicotinic acid (Vitamin B<sub>3</sub>). It is a water-soluble vitamin and is part of the vitamin B group.

### Specifications

Item		Specification
Appearance		White crystalline powder (or White granule), tendency to agglomerate
Assay (% , dry)		98.5 ~ 101.5
Identification	A : IR test	Meet the requirement
	B : UV test	A <sub>245</sub> /A <sub>262</sub> = 0.63 ~ 0.67
Melting range (°C)		128 ~ 131
pH (5% aq. soln.)		6.0 ~ 7.5
Loss on drying (%)		≤ 0.50
Residue ignition (%)		≤ 0.10
Readily Carbonizable substances		Meet the requirement (USP)
Niacin content (ppm, by HPLC)		≤ 100

**Conforms to USP 43**

**Dosage Recommendation** 0.5~5%

**Storage** Keep under covered area protected from light and heat

**Shelf Life** 5 years

