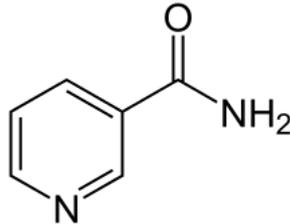


Technical Data Sheet

SinoWhite NCA(H)



Mol. wt. 122.13

Formula C₆H₆N₂O

Description

INCI Name	NIACINAMIDE	CAS No.	98-92-0
Package	25kg/drum	Standard	BP2016/USP39

SinoWhite NCA(H), also known as niacinamide and nicotinic amide, is the amide of Nicotinic acid(vitamin B3 / niacin). It is a water-soluble vitamin and is part of the vitamin B group. It is one of the popular whitening ingredients all over the world. It can be easily applied to all skin and hair care products without any skin irritation since SinoWhite NCA(H) is produced by a fermentation process.

Specifications

Item	Specification
Appearance	White crystalline powder
Assay (% , dry)	99.0 ~ 101.0
Identification	A : IR test B : UV test
	Meet the requirement A245/A262 = 0.63 ~ 0.67
Melting point	128.0 ~ 131.0
pH (5% aq. soln.)	6.0 ~ 7.5 (BP2016)
Loss on drying (%)	Max. 0.50

Residue ignition (%)	Max. 0.10
Related substances	Meet the requirement (BP2016)
Readily Carbonizable substances	Meet the requirement (USP 39)
Organic volatile impurities	Meet the requirement (USP 39)
Niacin content (ppm, by HPLC)	Max. 100
Heavy metal (ppm)	Max. 30
BP2016 and USP39 Standard	

Applications

Niacinamide and Niacin enhance the appearance of dry or damaged skin by reducing flaking and restoring suppleness. Therefore, SinoWhite NCA(H) can be used in cosmetics and personal care products as a conditioning agent.

Storage

Store away from incompatible materials and keep securely closed when not in use.