

SATCOTEK GmbH

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Registergericht Hamburg HRB 54503



SATCOTEK
PASSIONATE ABOUT RAW MATERIALS

TECHNICAL DATA SHEET

Trade Name:	Niacin		
INCI:	3 - Pyridine-Carboxylic Acid		
Cas. No:	59-67-6		
EINECS:	200-441-0	Article No:	FO102

ITEM	STANDARD
Appearance	White crystalline powder
Odor	Slight characteristic odor
Solubility	Sparing soluble in water, soluble in boiling water and in boiling ethanol
Identification UV A237nm / A262nm	0.35 ~ 0.39
Melting point	234 – 238°C
Chloride	≤0.02%
Sulfate	≤0.02%
Loss on drying	≤1.0%
Sulfate Ash	≤0.1%
Heavy metals (as pb)	≤10 mg/kg
Arsenic	≤2 mg/ kg
Assay	99.5 – 101.0%

This product comply with FCC/GB14757-2010 standard

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Product Description:

Niacin (CAS No. 59-67-6), also known as **nicotinic acid** or **vitamin B3**, is a **water-soluble** vitamin belonging to the **B-complex** group. It has the molecular formula $C_6H_5NO_2$ and a molecular weight of **123.11 g/mol**. Niacin appears as a white, crystalline powder with a slightly bitter taste.

Application:

Used in **nutritional supplements** and **food fortification** to prevent or treat niacin deficiency (pellagra). Employed as a **pharmaceutical agent** for managing hyperlipidemia, as it can lower **LDL** cholesterol and triglycerides while raising **HDL** cholesterol. Utilized in **cosmetics** and **animal feed** as a vitamin additive.

Storage:

Store at cool place and avoid humidity, fire source tightly sealed original containers

Shelf life:

2 years after production date.