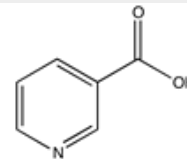


Identification

C₆H₅NO₂
M = 123,12 g/mol
CAS [59-67-6]
EC number: 200-441-0
Taric code: 2936 29 90

**Synonyms**

Niacin, 3-Pyridinecarboxylic acid

Applications

synthesis of organic products, for pharmaceuticals synthesizing, in pharma industry.

Specifications

assay (acidimetric, referred to
dried sample)..... 99,5 - 100,5 %
Assay (HPLC, referred
to dried sample)..... 98,0 - 102,0 %
identification..... passes test
chlorides (Cl)..... max. 200 ppm
sulfates (SO₄)..... max. 0,02 %
Related substances: passes test
residue on ignition..... max. 0,1 %

loss on drying (105 °C)..... max. 1,0 %

Residual solvents are analysed
according to guideline
CPMP/ICH/283/95.

Elemental impurities are analysed
according to guideline
CHMP/ICH/353369/2013.

Physical data

- Appearance: floury powder, white
- Spec. Density: 1,47 g/cm³
- Bulk density: ~ 500 - 600 kg/m³
- Solub. in water: (20 °C): 18 g/l
- Melting point: 236,6 °C
- Flash point: 193 °C
- Ignition temperature: > 365 °C (dust)
- pH(18 g/l H₂O, 20 °C) ~ 2,7

Safety - GHS

Signal Word: Warning

Hazard Statements:

H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.

P264: Wash thoroughly after handling.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice / attention.

Transport/storage

- 10°C - 30°C