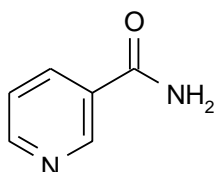


NIACINAMIDA

FICHA TÉCNICA

Formula: $C_6H_6N_2O$

Structural formula:



Molecular weight: 122.13 g/mol

Synonyms

INCI name: Niacinamide
CAS: 3-Pyridinecarboxamide
CAS RN: 98-92-0
Other names: Nicotinamide
Nicotinic acid amide
Pyridine 3-carboxylic acid amide
Vitamin PP
Vitamin B3
German: B3 Fresh™
French: B3 Fresh™
Italian: B3 Fresh™

Applications

Intended to be used for the manufacture of cosmetic products.

Handling

Packaging: Bag-in-box 20 kg
Storage condition: Do not store in heat or direct sunlight.
Keep it in a hermetically sealed container.

Inventories: REACH registered (EU)
TSCA (US)
ENCS (Japan)
AICS (Australia)
DSL (Canada)
KECI (Korea)
PICCS (Philippines)
IESCS (China)
NZIOC (New Zealand)
INSO (Mexico)
TCSCA (Taiwan)

For further information consult Safety Data Sheet

The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either express or implied, regarding its accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent.

Specifications

Appearance: crystalline powder
Color: white
Identification: corresponds (UV)
corresponds (IR)
corresponds (NaOH)
Assay (HPLC): 99.0 – 101.0 % (w/w)
Heavy metals: ≤ 20 mg/kg (as Pb, limit test)
Chloride: ≤ 70 mg/kg (limit test)
Sulfate: ≤ 190 mg/kg (limit test)
3-cyanopyridine (HPLC): ≤ 0.1% (w/w)
Any unspecified impurity (HPLC): ≤ 0.1% (w/w)
Total impurities (HPLC): ≤ 0.2% (w/w)
Nicotinic acid: ≤ 100 ppm
Readily carbonizable Substances (USP/JP): matching Fluid A
Particle size fraction ≥ 50µm: ≥ 90% (w/w)
fraction ≥ 250µm: ≤ 8% (w/w)
Color values: L* 90.0 – 101.0
a* -10.0 – 10.0
b* -10.0 – 10.0
(CIELAB; light source C; 50 mm, 5 g/100 ml water)
Color of solution: ≤ BY7 (5 g/100 ml water)
Clarity of solution: ≤ 3.00 NTU (5 g/100 ml water)
pH-value: 6.0 - 7.5 (5 g/100 ml water)
Loss on drying: ≤ 0.5 % (w/w)
Melting point range: 128.0 – 131.0 °C (opt.transm.)
Sulfated ash: ≤ 0.10 % (w/w) (2h, 600 °C)

Conforms to the current requirements of EP, USP and FCC incl. Residual Solvents <467>.

Typical Properties

Shelf life: 36 months
Water solubility: 690 g/l

Country of Origin: China