

**TECHNICAL DATA SHEET**Effective date: 04.2019  
Rev.1**Niacinamide****INFORMATION ON SUBSTANCE / MIXTURE**

INCI	Niacinamide
Chemical names of the active ingredient	Nicotinamide, niacinamide, 3-pyridinecarboxamide, nicotinic acid amide, pyridine 3-carboxylic acid amide, Vitamin B3, Vitamin PP
Chemical formula	C <sub>6</sub> H <sub>6</sub> N <sub>2</sub> O

**TECHNICAL DATA****Physical parameters**

Appearance	Solid, crystalline powder
Color	White
Odor	Characteristic, mild
Solubility	Extremely soluble in water (about 70 g/100 ml) at 20 °C, readily soluble in alcohol (ethanol), soluble in glycerol and sparsely soluble in ether
Particle-size distribution	Min. 92% smaller than 250 µm (60 mesh USP)

**Chemical parameters**

Assay	99 - 101 %
Molar mass	122.1 g/mol
Nicotinic acid	Max 0.10 %
3-Cyanopyridine	Max 0.10 %
Any unspecified impurity	Max 0.10 %
Total impurities	Max 0.2 %
pH (5g/100ml water)	6.0 -7.5
Loss on drying	0.5 %
Sulphated ash (2h, 600°C)	Max 0.10 %
Heavy metals	Max 20 mg/kg

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Rev.1**Niacinamide****TRANSPORT, STORAGE and SHELF LIFE**

Storage conditions	Store in closed containers at a temperature of max. 25°C, keep dry and avoid humidity
Shelf Life	48 months, in closed packaging and the recommended conditions.
Custom tariff	-

**LEGISLATION**

Certification	-
EINECS	202-713-4
CAS	98-92-0

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