

Technical Data Sheet

Version: 1.0 EN

Niacinamide – Vitamin B3

Article number: D10161

General Information

Origin	Niacinamide, also known as nicotinamide or nicotinic acid amide, is a water-soluble vitamin of the B group, formerly also known as vitamin B3. Among other things, it contributes to normal energy metabolism, normal functioning of the nervous system and normal mental function. It also contributes to the maintenance of normal skin and the reduction of tiredness and fatigue.
CAS Number	98-92-0
EC Number	202-713-4
INCI	NIACINAMIDE
Molecular Formula	C ₆ H ₆ N ₂ O
Appearance	White, crystalline powder
Packaging	25 kg bags and small containers
Shelf life	36 months
Applications	Application in food and cosmetic
Allergens	None of the 14 main allergens added or contained
Compliance	Regulation (EC) No 1333/2008; USP 43

Specification Values

Parameter	Value
Content	99,0 – 101,0
Melting range	128 – 131°C
Solubility	Freely soluble in water and in anhydrous ethanol, slightly soluble in methylene chloride
Loss on drying	≤ 0,5 %
pH value	6,0 – 7,5
Sulphated ash	≤ 0,1 mg/kg
Arsenic	≤ 1 mg/kg

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Lead	≤ 3 mg/kg
Mercury	≤ 0,1 mg/kg
Heavy metals	≤ 20 mg/kg
Cadmium	≤ 1 mg/kg

Nutritional Values

	Average Values (per 100g / 100ml)
Energy (kJ)	0
Energy (kcal)	0
Fat (g)	0
- Of which saturated fats (g)	0
Carbonhydrates (g)	0
- Of which sugars (g)	0
Fibre (g)	0
Protein (g)	0
Salt (g)	0

Additional Information

All details are based on our current state of knowledge and are not transferable to other products. They do not constitute a warranty or guarantee of specific properties or suitability for particular applications. Each use of our supplied products must be tested in the respective application and checked for any existing property rights. Color and form of the product may slightly vary within a production batch due to the manufacturing process.

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