

NI0180 Nickel(II) sulfate hexahydrate, ExpertQ®, for analysis, ACS



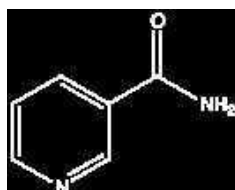
assay (complexometric) ..... 99 - 102 %  
identity ..... passes test  
insoluble in water ..... max. 0,005 %  
pH (5 %, H<sub>2</sub>O) ..... 4 - 6  
chlorides (Cl) ..... max. 0,001 %  
total nitrogen (as N) ..... max. 0,001 %  
calcium (Ca) ..... max. 0,005 %  
cobalt (Co) ..... max. 0,002 %

copper (Cu) ..... max. 0,002 %  
iron (Fe) ..... max. 0,001 %  
lead (Pb) ..... max. 0,001 %  
magnesium (Mg) ..... max. 0,005 %  
manganese (Mn) ..... max. 0,002 %  
potassium (K) ..... max. 0,01 %  
sodium (Na) ..... max. 0,03 %  
zinc (Zn) ..... max. 0,002 %

ART. NO.	VOLUME	CONTAINER
NI01800250	250 g	Ⓜ
NI01801000	1 kg	Ⓜ
NI0180005P	5 kg	Ⓜ
NI0180025P	25 kg	Ⓜ

## NICOTINAMIDE

NI0035 Nicotinamide, EssentQ®



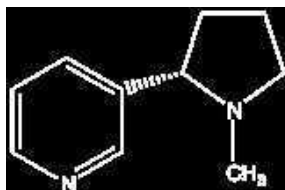
- Synonyms: Niacinamide, 3-Pyridinecarboxamide
- C<sub>6</sub>H<sub>6</sub>N<sub>2</sub>O
- M = 122,13 g/mol
- CAS [98-92-0]
- EINECS-No.: 202-713-4
- Solub. in water: (20 °C): soluble
- Melting point: 128 - 131 °C (sublimes)
- Boiling point: (0,0007 hPa) 150 - 160 °C
- Flash pt. 182 °C
- Ignition temp.: 480 °C
- LD 50 (oral, rat): 3530 - 3540 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H319
- GHS-P sentences: P280 - P264 - P305 + P351 + P338 - P337 + P313
- Tariff number: 2936 29 90 00
- Applications: synthesis of organic products, for pharmaceutical use.

assay (titration with HClO<sub>4</sub>, on dried sample) ..... 99 - 101 %  
identification ..... passes test  
pH (5 %, H<sub>2</sub>O) ..... 6, 0- 7,5  
appearance of solution ..... passes test  
heavy metals (as Pb) ..... max. 0,003 %  
related substances (TLC) ..... passes test  
residue on ignition ..... max. 0,1 %  
loss on drying (at vacuum) ..... max. 0,5 %

ART. NO.	VOLUME	CONTAINER
NI00350100	100 g	Ⓜ

## NICOTINE

NI0020 Nicotine, EssentQ®



- Synonyms: 3-(1-Methyl-2-pyrrolidinyl)pyridine
- C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>
- M = 162,24 g/mol
- CAS [54-11-5]
- EINECS-No.: 200-193-3
- Density: 1,01 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -79 °C
- Boiling point: 246 °C
- Flash pt. 101 °C
- Ignition temp.: 240 °C
- Vapour pressure: (62 °C) 1,3 hPa
- LD 50 (oral, rat): 50 mg/kg
- EC-Index-No.: 614-001-00-4
- ADR: 6.1 T1 II UN 1654
- IMDG: 6.1 II UN 1654
- IATA/ICAO: 6.1 II UN 1654
- GHS-signal word: Danger
- GHS-H sentences: H301 - H310 - H411
- GHS-P sentences: P280 - P361 - P321 - P322 - P405 - P501a
- Tariff number: 2939 99 00 00
- Applications: synthesis of organic products, insecticide, fumigant.
- Appearance: Colourless to yellowish liquid

assay (G.C.) ..... min. 97 %  
identity (IR-spectrum) ..... passes test

ART. NO.	VOLUME	CONTAINER
NI00200100	100 ml	Ⓜ