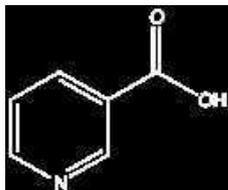


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NICOTINIC ACID

AC1590 Nicotinic acid, extra pure, Phampur®, Ph Eur, BP, USP



- Synonyms: Niacin, 3-Pyridinecarboxylic acid
- $C_6H_5NO_2$
- M = 123,12 g/mol
- CAS [59-67-6]
- EINECS-No.: 200-441-0
- Solub. in water: (20 °C): 18 g/l
- Melting point: 236,6 °C
- Flash pt. 193 °C
- Ignition temp.: > 365 °C (dust)
- LD 50 (oral, rat): 7000 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, in pharma industry.

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.

ART. NO.	VOLUME	CONTAINER
AC15901000	1 kg	Ⓜ

NIGROSINE, WATER SOLUBLE, C.I. 50420

NI0062 Nigrosine, water soluble, C.I. 50420, for microscopy

- CAS [101357-32-8]
- EINECS-No.: 309-930-4
- Solub. in water: (20 °C): 10 g/l
- Tariff number: 3204 12 00 00
- Applications: indicator, microscopy.

Absorption maximum λ
(in ethanol 50 %) 570 - 580 nm
Absorptivity (A1%/1 cm; λ max.) 200 - 300
loss on drying (110 °C) max. 15 %

ART. NO.	VOLUME	CONTAINER
NI00620050	50 g	Ⓜ

NITRIC ACID, 69%

- HNO₃
- M = 63,01 g/mol
- CAS [7697-37-2]
- EINECS-No.: 231-714-2
- Density: 1,41 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -41 °C

- Boiling point: 122 °C
- Vapour pressure: (20 °C) 9,4 hPa
- EC-Index-No.: 007-004-00-1
- ADR: 8 CO1 II UN 2031
- IMDG: 8 II UN 2031
- IATA/ICAO: 8 II UN 2031
- GHS-signal word: Danger

- GHS-H sentences: H314 - H272
- GHS-P sentences: P221 - P210 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2808 00 00 00
- Applications: oxidizing agent, synthesis of nitrates and organic nitro compounds.

AC1600 Nitric acid, min. 69,5%, ExpertQ®, for analysis, ACS, ISO



assay (acidimetric) min. 69 %
colour (Hazen) max. 10
chlorides (Cl) max. 0,00005 %
fluorides (F) max. 0,0001 %
phosphates (as PO₄) max. 0,00005 %
sulfates (SO₄) max. 0,00005 %
aluminium (Al) max. 0,05 ppm
arsenic (As) max 0,01 ppm
barium (Ba) max 0,01 ppm
beryllium (Be) max 0,01 ppm
bismuth (Bi) max. 0,1 ppm
cadmium (Cd) max 0,01 ppm
calcium (Ca) max. 0,1 ppm
chromium (Cr) max. 0,02 ppm
cobalt (Co) max 0,01 ppm
copper (Cu) max 0,01 ppm
germanium (Ge) max. 0,05 ppm
heavy metals (as Pb) max. 0,2 ppm

iron (Fe) max. 0,1 ppm
lead (Pb) max 0,01 ppm
lithium (Li) max 0,01 ppm
magnesium (Mg) max. 0,1 ppm
manganese (Mn) max 0,01 ppm
molybdenum (Mo) max. 0,02 ppm
nickel (Ni) max. 0,02 ppm
potassium (K) max. 0,1 ppm
silver (Ag) max 0,01 ppm
sodium (Na) max. 0,5 ppm
strontium (Sr) max 0,01 ppm
thallium (Tl) max. 0,05 ppm
titanium (Ti) max. 0,1 ppm
vanadium (V) max 0,01 ppm
zinc (Zn) max. 0,05 ppm
zirconium (Zr) max. 0,1 ppm
residue on ignition (as SO₄) max. 0,0005 %

ART. NO.	VOLUME	CONTAINER
AC16001000	1 l	Ⓜ
AC16001001	1 l	Ⓜ
AC16002500	2,5 l	Ⓜ
AC16002501	2,5 l	Ⓜ