

n-Pentane, 99%, for analysis, ExpertQ®



- Synonyms: 1,3-Dimethylpropane, Diethyl methane
- C₅H₁₂
- M = 72,15 g/mol
- CAS [109-66-0]
- EINECS-No.: 203-692-4
- Density: 0,63 g/cm³
- Solub. in water: (25 °C): 0,04 g/l
- Melting point: -129,7 °C
- Boiling point: 36,1 °C
- Flash pt. -48 °C
- Ignition temp.: 285 °C
- Vapour pressure: (20 °C) 573 hPa
- Dielectric const.: (20 °C) 1,8
- EC-Index-No.: 601-006-00-1 [1]
- ADR: 3 F1 II UN 1265
- IMDG: 3 II UN 1265
- IATA/ICAO: 3 II UN 1265
- GHS-signal word: Danger
- GHS-H sentences: H226 - H304 - H336 - H411 - EUH066
- GHS-P sentences: P210 - P301+P310 - P303+P361+P353 - P370+P378 - P405 - P501a
- Tariff number: 2901 10 00 00
- Applications: synthesis of organic products, analytical chemistry, reference material, chromatography.



SPECIFICATIONS

assay (G.C.): min. 99 %

identity (IR-spectrum): passes test
 density (20°/4°): 0,625 - 0,627
 colour (Hazen): max. 10
 acidity: max. 0,0002 meq/g
 aluminium (Al): max. 0,5 ppm
 barium (Ba): max. 0,1 ppm
 boron (B): max. 0,02 ppm
 cadmium (Cd): max. 0,05 ppm
 calcium (Ca): max. 0,5 ppm
 chromium (Cr): max. 0,02 ppm
 cobalt (Co): max. 0,02 ppm
 copper (Cu): max. 0,02 ppm
 iron (Fe): max. 0,1 ppm
 lead (Pb): max. 0,1 ppm
 magnesium (Mg): max. 0,1 ppm
 manganese (Mn): max. 0,02 ppm
 nickel (Ni): max. 0,02 ppm
 tin (Sn): max. 0,1 ppm
 zinc (Zn): max. 0,1 ppm
 sulphur compounds (as S): max. 0,005 %
 substances darkened by H2SO4: passes test
 residue on evaporation: max. 0,001 %
 water (K.F.): max. 0,01 %

Reference	Packaging	Volume
PE00962500	x 2,5 l :: Glass bottle	x 2,5 l

Reference	Packaging	Volume
PE00961000	x 1 l :: Glass bottle	x 1 l