1-HEXANOL

AL0270 1-Hexanol, EssentQ®

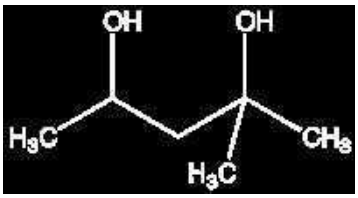
- Synonyms: n-Hexyl alcohol
- $C_6H_{14}O$
- M = 102,18 g/mol
- CAS [111-27-3]
- EINECS-No.: 203-852-3
- Density: 0,82 g/cm³
- Solub. in water: (20 °C): 5,8 g/l
- Melting point: -45 °C
- Boiling point: 157 °C
- Flash pt. 62 °C
- Ignition temp.: 285 °C
- Vapour pressure: (20 °C) 1 hPa
- Refraction index: (n 20 °C/D) 1,4179
- LD 50 (oral, rat): 720 mg/kg
- EC-Index-No.: 603-059-00-6
- ADR: 3 F1 III UN 2282
- IMDG: 3 III UN 2282
- IATA/ICAO: 3 III UN 2282
- GHS-signal word: Warning
- GHS-H sentences: H302
- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2905 19 00 99
- Applications: synthesis of organic products, for pharmaceutical use.

assay (G.C.) . . . . . min. 98 %
identity (IR-spectrum) . . . . . passes test
density (20°/4°). . . . . 0,818 - 0,819
residue on evaporation . . . . . max. 0,005 %
water (K.F.). . . . . max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AL02701000	1 l	P

HEXYLENE GLYCOL

HE0250 Hexylene glycol, EssentQ®



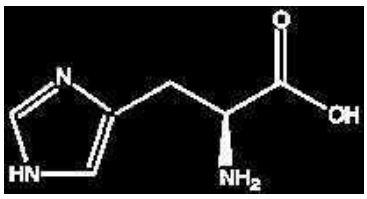
- Synonyms: 2-Methyl-2,4-pentanediol
- $C_6H_{14}O_2$
- M = 118,18 g/mol
- CAS [107-41-5]
- EINECS-No.: 203-489-0
- Density: 0,92 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -40 °C
- Boiling point: 196 °C
- Flash pt. 93 °C
- Ignition temp.: 425 °C
- Vapour pressure: (20 °C) 0,06 hPa
- Refraction index: (n 20 °C/D) 1,4270
- LD 50 (oral, rat): 4000 mg/kg
- EC-Index-No.: 603-053-00-3
- GHS-signal word: Warning
- GHS-H sentences: H315 - H319
- GHS-P sentences: P280 - P305 + P351 + P338 - P321 - P362 - P332 + P313 - P337 + P313
- Tariff number: 2905 39 10 00
- Applications: synthesis of organic products, for pharmaceutical use, cosmetics.

assay (G.C.) . . . . . min. 99 %
identity (IR-spectrum) . . . . . passes test
density (20°/4°). . . . . 0,921 - 0,923
free acid (as CH_3COOH) . . . . . max. 0,01 %
residue on ignition . . . . . max. 0,01 %
water (K.F.). . . . . max. 0,5 %

ART. NO.	VOLUME	CONTAINER
HE02501000	1 l	P

L-HISTIDINE

HI0395 L-Histidine, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: L-3-Imidazol-4-alanine
- $C_6H_9N_3O_2$
- M = 155,16 g/mol
- CAS [71-00-1]
- EINECS-No.: 200-745-3
- Solub. in water: (20 °C): 38,2 g/l
- Melting point: 272 - 273 °C (decomposes)
- LD 50 (oral, rat): > 5110 mg/kg
- Tariff number: 2933 21 00 90
- Applications: in biochemistry, for pharmaceutical use, in food industry, in pharma industry.

assay (acidimetric, on dried sample) . . . . . 98,5 - 101,5 %
identity (IR-spectrum) . . . . . passes test
specific rotation ([α]20°/D, c = 11, HCl 3,3 mol/l) . . . . . +11,4° - +12,4°
appearance of solution . . . . . passes test
chlorides (Cl) . . . . . max. 0,03 %
sulfates (SO_4) . . . . . max. 0,03 %
ammonium (NH_4) . . . . . max. 0,02 %
heavy metals (as Pb) . . . . . max. 0,0015 %
iron (Fe) . . . . . max. 0,003 %
ninhydrin-positive substances . . . . . max. 0,5 %
related substances . . . . . max. 0,2 %
residue on ignition . . . . . max. 0,4 %
loss on drying (105 °C). . . . . max. 0,5 %
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
HI03950025	25 g	P
HI03950100	100 g	P
HI03951000	1 kg	P