

HE0242 n-Hexane, 99%, HPLC grade



assay (G.C.) min 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,660 - 0,662
 acidity max. 0,0002 meq/g
 alkalinity max. 0,0002 meq/g
 residue on evaporation max. 0,0001 %
 water (K.F.) max. 0,01 %

min. transmission/max. absorbance in a 1,0 cm cell at
 wavelength T(%) A (AU)
 200 nm20 % 0,699 AU
 210 nm50 % 0,301 AU
 230 nm90 % 0,046 AU
 Microfiltered through membranes of pore diameter
 0,22 µm

ART. NO.	VOLUME	CONTAINER
HE02421000	1 l	0
HE02422500	2,5 l	0
HE02424000	4 l	0
HE0242025S	25 l	0

HE0248 n-Hexane, GC-MS



assay (G.C.) min. 96,0 %
 colour (Hazen) max. 10
 identity (IR-spectrum) passes test
 residue on evaporation max. 3 ppm
 water (K.F.) max. 0,05 %

GC/MSD (retention range n-undecane to
 n-tetracontane, scanning area 30 - 600 amu, individual
 signals
 (n- tetradecane standard)) max. 3,0 ng/ml (ppb)
 Suitable for residue analysis

ART. NO.	VOLUME	CONTAINER
HE02481000	1 l	0
HE02482500	2,5 l	0

HE0241 Hexane, standard substance for GC



assay 99,0 %
 over ramp 40°C, 5°C/min 120°C, 30°C/min 200 °C
 identity IR

ART. NO.	VOLUME	CONTAINER
HE02410005	5 ml	0

n-HEXANE 96%



- Synonyms: n-Caproylhydride, n-Hexylhydride
- C₆H₁₄
- M = 86,18 g/mol
- CAS [110-54-3]
- EINECS-No.: 203-777-6
- Density: 0,66 g/cm³
- Solub. in water: (20 °C): 0,0095 g/l
- Melting point: -94,3 °C
- Boiling point: 69 °C
- Flash pt. -22 °C
- Ignition temp.: 240 °C
- Vapour pressure: (20 °C) 160 hPa
- Dielectric const.: (20 °C) 1,8

- LD 50 (oral, rat): 28710 mg/kg
- EC-Index-No.: 601-037-00-0
- ADR: 3 F1 II UN 1208
- IMDG: 3 II UN 1208
- IATA/ICAO: 3 II UN 1208
- GHS-signal word: Danger
- GHS-H sentences: H225 - H304 - H361f - H373 - H315 - H336 - H411
- GHS-P sentences: P210 - P241 - P260 - P303 + P361 + P353 - P405 - P501a
- Tariff number: 2901 10 00 00
- Applications: chromatography, analytical chemistry, determining refractive index of minerals.

HE0227 n-Hexane, 96%, EssentQ®



assay (G.C.) min. 96 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,659 - 0,662
 acidity max. 0,0005 meq/g
 copper (Cu) max. 0,2 ppm
 iron (Fe) max. 0,5 ppm
 lead (Pb) max. 0,2 ppm
 nickel (Ni) max. 0,2 ppm
 sulfur compounds (as S) max. 0,01 %
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,001 %
 water (K.F.) max. 0,01 %

ART. NO.	VOLUME	CONTAINER
HE02271000	1 l	0
HE02272500	2,5 l	0
HE0227005L	5 l	0
HE0227007E	7 l	0
HE0227025A	25 l	0
HE0227025S	25 l	0
HE0227030S	30 l	0

ART. NO.	VOLUME	CONTAINER
HE0227200L	200 l	0

HE0228 n-Hexane, 96%, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (G.C.) min. 96,0 %
 total isomer content (G.C.) min. 98,5 %
 identity (IR-spectrum) passes test
 density (20°/20°) 0,659 - 0,663
 colour (Hazen) max. 10
 refractive index n₂₀/D 1,375 - 1,376
 boiling range (min. 95 %) 67 - 69 °C
 acidity max. 0,0002 meq/g
 alkalinity 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
 aromatic hydrocarbons (as C₆H₆) max. 0,01 %
 sulfur compounds (as S) max. 0,005 %
 thiophene (C₄H₄S) passes test
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,001 %
 water (K.F.) max. 0,01 %
 min. transmission in a 1 cm cell
 between 260 and 420 nm97 %

ART. NO.	VOLUME	CONTAINER
HE02281000	1 l	0
HE02282500	2,5 l	0
HE0228005L	5 l	0
HE0228025A	25 l	0
HE0228025S	25 l	0
HE0228030S	30 l	0