

## 32293 Hexane Puriss. p.a., ACS Reagent, Reag. Ph. Eur., ≥99% (GC) *n*-Hexane

### Specyfikacja:

Property	Value
APPEARANCE (COLOR)	Colorless
WATER (COULOMETR.)	0 - 0.01 %
RESIDUE (EVAPORATION)	0 - 0.001 %
MISCELLANEOUS TESTS	AROMATIC SUBSTANCES ≤ 0.01 % (AS C <sub>6</sub> H <sub>6</sub> )
ACS SPECIFICATIONS	THIOPHENE ≤ 0.0001 %
ALUMINIUM (ICP)	0 - 0.5 ppm
BARIUM (ICP)	0 - 0.1 ppm
BORON (ICP)	0 - 0.02 ppm
CALCIUM (ICP)	0 - 0.5 ppm
CADMIUM (ICP)	0 - 0.05 ppm
COBALT (ICP)	0 - 0.02 ppm
APPEARANCE (FORM)	Liquid
CHROMIUM (ICP)	0 - 0.02 ppm
COPPER (ICP)	0 - 0.02 ppm
IRON (ICP)	0 - 0.1 ppm
MAGNESIUM (ICP)	0 - 0.1 ppm
MANGANESE (ICP)	0 - 0.02 ppm
NICKEL (ICP)	0 - 0.02 ppm
LEAD (ICP)	0 - 0.1 ppm
TIN (ICP)	0 - 0.1 ppm
ZINC (ICP)	0 - 0.1 ppm
SULFUR COMPOUNDS	≤ 0.005 % (AS S)
COLOR (IN APHA)	0 - 10 APHA
SUBSTANCES DARK BY H <sub>2</sub> SO <sub>4</sub>	PASSES TEST
RECOMMENDED RETEST PERIOD	42 MONTHS
TITRATABLE ACID	FREE ACID (as CH <sub>3</sub> COOH): ≤ 0.002 %
PURITY (GC AREA %)	99 - 100 % rel
DENSITY D <sub>20</sub> /4	0.658 - 0.662
SPECIFIC GRAVITY	0.659 - 0.663 AT 20 DEG C
REFRACTIVE INDEX N <sub>20</sub> /D	1.3745 - 1.3755
BOILING RANGE (ASTM)	68 - 69 DEG C (>= 95 %)

### Właściwości fizyczne:

Property	Value
Refractive index	<i>n</i> <sub>20</sub> /D 1.3745-1.3755
Grade	puriss. p.a.
Cation traces	B: ≤0.02 mg/kg
Density	0.660 - 0.668 g/cm <sup>3</sup>
Vapor density	~3 (vs air)
Autoignition temp.	453 °F
Suitability	passes test for reaction against H <sub>2</sub> SO <sub>4</sub>
Vapor pressure	~132 mmHg ( 20 °C)
Expl. lim.	7.7 %
Impurities	≤0.01% aromatic substances (as C <sub>6</sub> H <sub>6</sub> )
Bp	69 °C(lit.)
Assay	≥99% (GC)

Mp	-95 °C(lit.)
Boiling point	66 - 69 °C
Freezing point	-95 °C

**Informacje dot. bezpieczeństwa:**

<b>Property</b>	<b>Value</b>
Flashpoint	-26 °C
Hazard Class	3
Package Group	II
UN ID	1208