

# Technical Datasheet

**Article No. 1807**

**Isooctane for HPLC (min. 99.5 %)**

$C_8H_{18}$

**For laboratory use.**

Parameter	Value
Appearance	Colourless liquid
Density	0.69 g/cm <sup>3</sup>
Molar mass	114.23 g/mol
Melting point	-107 °C
Boiling point	99 °C
CAS-No.	540-84-1
Identity	complies
Refractive index (20 °C)	1.3885 – 1.3945
Water (KF)	max. 50 ppm
Residue on evaporation	max. 2 ppm
Acidity or alkalinity	max. 0.0002 meq/g
UV transmittance at 205 nm	min. 10.0 %
UV transmittance at 215 nm	min. 60.0 %
UV transmittance at 220 nm	min. 80.0 %
UV transmittance at 230 nm	min. 90.0 %
UV transmittance at 240 nm	min. 95.0 %
UV transmittance at 260 nm	min. 99.0 %
Aromatic compounds	max. 5 ppm
filtered through 0.2 µm	