

Technical Datasheet

Art.-No.: 1802

Isooctane for residue analysis (min. 99.5 %)

C₈H₁₈

For laboratory use.

Parameter	Value
Appearance	Colourless liquid
Molar mass	114.23 g/mol
Density	0.69 g/ml
Melting point	-107 °C
Boiling point	99 °C
CAS-No.	540-84-1
Identity	complies
Colour (Hazen)	max. 10
Water (KF)	max. 50 ppm
Non-volatile residue	max. 2 ppm
Free acids (as CH ₃ COOH)	max. 20 ppm
GC-ECD: Peak (lindane) (Retention range 1.2.4-trichlorobenzene to decachlorobiphenyl)	max. 3 ng/l
GC-NPD: Peak (ethylparathion) (Retention range atrazin to coumaphos)	max. 3 ng/l
GC-ECD: Peak (CCl ₄) (Retention range dichlorobenzene to 1.2.4-trichlorobenzene)	max. 3 ng/l