



Material	140095D
Material description	n-Hexane
Grade	SPECTRONORM for spectroscopy
CAS Number	110-54-3
Molecular formula	$\text{H}_3\text{C}(\text{CH}_2)_4\text{CH}_3$
Molecular mass	86.18

Additional information

Characteristics	Specifications
Assay (GC)	$\geq 99.0 \%$
Acidity	$\leq 0.0002 \text{ meq/g}$
Alkalinity	$\leq 0.0002 \text{ meq/g}$
Colouration	$\leq 10 \text{ APHA}$
Evaporation residue	$\leq 2 \text{ ppm}$
Water	$\leq 50 \text{ ppm}$
Absorbance (195 nm)	≤ 1.00
Absorbance (210 nm)	≤ 0.22
Absorbance (217 nm)	≤ 0.10
Absorbance (225 nm)	≤ 0.05
Absorbance (from 245 nm)	≤ 0.01
Transmittance (195 nm)	$\geq 10 \%$
Transmittance (210 nm)	$\geq 60 \%$
Transmittance (217 nm)	$\geq 80 \%$
Transmittance (225 nm)	$\geq 90 \%$
Transmittance (from 245 nm)	$\geq 98 \%$
Fluorescence (as quinine) (254 nm)	$\leq 1.0 \text{ ppb}$
Fluorescence (as quinine) (365 nm)	$\leq 1.0 \text{ ppb}$

Signature	Additional information
We certify that this batch conforms to the specifications listed above. This document has been produced electronically and is valid without a signature. VWR International	Meets the requirements of "Specific use spectroscopy" according Reag. Ph.Eur.