

Material	140096E
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.

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.