



Material	83632.320
Material description	n-Pentane
Grade	HiPerSolv CHROMANORM for HPLC
Lot	190516A004
Expires end of	2022-May-28
CAS Number	109-66-0
Molecular formula	C ₅ H ₁₂
Molecular mass	72.15

Characteristics	Specifications	Measured values
Assay (GC)	Min. 99.00 %	99.40 %
Water	Max. 0.0100 %	0.0010 %
Non-volatile residue	Max. 0.0005 %	Max. 0.0005 %
Acidity	Max. 0.0005 meq/g	Max. 0.0005 meq/g
Alkalinity	Max. 0.0002 meq/g	Max. 0.0002 meq/g
Fluorescence (as quinine) (254 nm)	Max. 0.001 ppm	Max. 0.001 ppm
Fluorescence (as quinine) (365 nm)	Max. 0.001 ppm	Max. 0.001 ppm
Transmittance (200 nm)	Min. 10.0 %	80.1 %
Transmittance (210 nm)	Min. 40.0 %	92.1 %
Transmittance (215 nm)	Min. 70.0 %	96.1 %
Transmittance (222 nm)	Min. 90.0 %	98.5 %
Transmittance (240 nm)	Min. 98.0 %	100.0 %

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Signed on behalf of VWR International
Magdalena Dolata, Expert Analyst