

## **Certificate of Analysis**

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Material Material description Grade

Lot Expires end of CAS Number Molecular formula Molecular mass 24539.320 n-Heptane HiPerSolv CHROMANORM for HPLC

230315A004 2026-Mar-15 142-82-5  $H_3C(CH_2)_5CH_3$ 100,20

Characteristics	Specifications	Measured values
Assay (on anhydrous substance)	≥ 99 %	≥ 99 %
Acidity	≤ 0.0005 meq/g	≤ 0.0005 meq/g
Alkalinity	≤ 0.0002 meq/g	≤ 0.0002 meq/g
Evaporation residue	≤ 10 ppm	≤ 10 ppm
Water	≤ 100 ppm	10 ppm
Absorbance (210 nm)	≤ 0.3	0.1
Absorbance (220 nm)	≤ 0.1	< 0.1
Absorbance (245 nm)	≤ 0.01	≤ 0.01
Transmittance (210 nm)	≥ 50 %	76 %
Transmittance (220 nm)	≥ 80 %	91 %
Transmittance (245 nm)	≥ 98 %	99 %

## 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 Pawel Sokolik, Expert Analyst

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