

Technical Specification

PRODUCT : n-HEPTANE 99% RS - SPECTROSOL - For optical spectroscopy

CODE : 446820

MOLECULAR WEIGHT :100.21

CAS N° : 142-82-5

FORMULA : CH₃(CH₂)₅CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Positive
Colour	APHA	<= 10
Density d ₂₀ /4	-	0.681 - 0.687
Refractive index at 20°C	-	1.3836 - 1.3916
Boiling point	°C	97.9 - 98.9
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 5
Acidity	meq/g	<= 0.0005
Alcalinity	meq/g	<= 0.0002
Aromatic compounds	ppm	<= 5
Assay (GC)	%	>= 99
UV Transmittance	-	-
at 200 nm	%	>= 20
at 210 nm	%	>= 50
at 220 nm	%	>= 80
at 230 nm	%	>= 92
at 250 nm	%	>= 98

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