

Technical Specification

PRODUCT : n-HEXANE RS - SPECTROSOL - For optical spectroscopy - Reag.Ph.Eur.

CODE : 446930

MOLECULAR WEIGHT :86.18

CAS N° : 110-54-3

FORMULA : CH₃(CH₂)₄CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Density at 20°C	-	0.659 - 0.663
Refractive index at 20°C	-	1.375 - 1.376
Boiling point	°C	67 - 69
Acidity or alkalinity	meq/g	<= 0.00015
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 2
Aromatic compounds	ppm	<= 5
Total sulphur (S)	ppm	<= 5
Assay (GC)	%	>= 95
UV Transmittance	-	-
at 220 nm	%	>= 82
at 230 nm	%	>= 92
at 240 nm	%	>= 95
at 250 nm	%	>= 99
UV Absorbance	-	-
from 260 nm to 420 nm	AU	<= 0.01

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