

Technical Specification

PRODUCT : n-HEXANE RS - For HPLC - Isocratic grade - Reag.Ph.Eur.

CODE : 412600000

MOLECULAR WEIGHT :86.18

CAS N° : 110-54-3

FORMULA : CH₃(CH₂)₄CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Conform
Density at 25°C	-	>= 0.662
Density d ₂₀ /4	-	0.659 - 0.663
Refractive index at 20°C	-	1.3750 - 1.3760
Boiling point	°C	67 - 69
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 2
Acidity or alkalinity	meq/g	<= 0.00015
Assay (GC)	%	>= 96
UV Transmittance	-	-
at 210 nm	%	>= 50
at 220 nm	%	>= 82
at 230 nm	%	>= 92
at 240 nm	%	>= 95
at 245 nm	%	>= 98
at 250 nm	%	>= 99
Aromatic compounds	ppm	<= 10
Total sulphur (S)	ppm	<= 5
UV Absorbance	-	-
from 260 nm to 420 nm	AU	<= 0.01

Filtered at 0.2 micron

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in