

Technical Specification

PRODUCT : n-HEXANE RPE - For analysis - ACS - Reag. Ph.Eur.

CODE : 446900

MOLECULAR WEIGHT :86.18

CAS N° : 110-54-3

FORMULA : CH₃(CH₂)₄CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Conform
Colour	APHA	<= 10
Alcohol miscibility	-	Complete
Diethyl ether miscibility	-	Complete
Chloroform miscibility	-	Complete
Readily carbonizable substances	-	Conform
Density d ₂₀ /4	-	0.659 - 0.663
Refractive index at 20°C	-	1.375 - 1.376
Distillation range	°C	67 - 69
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 10
Water-soluble titrable acid	meq/g	<= 0.0003
Subs. reducing KMnO ₄	ppm (5m)	<= 20
Thiophene	ACS	Conform
Aromatic compounds	ppm	<= 10
Total sulphur (S)	ppm	<= 5
Al	ppm	<= 0.5
Cu	ppm	<= 0.01
Fe	ppm	<= 0.1
Ni	ppm	<= 0.01
Pb	ppm	<= 0.01
Zn	ppm	<= 0.01
Assay (GC)	%	>= 95
Assay (hexan isomer+methylcyclopentane)	%	>= 98.5

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