

Technical Specification

PRODUCT : n-HEPTANE 99% RS - For HPLC - Isocratic Grade

CODE : 412590000

MOLECULAR WEIGHT :100.21

CAS N° : 142-82-5

FORMULA : CH₃(CH₂)₅CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
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 or alkalinity	meq/g	<= 0.00015
UV Transmittance	-	-
at 200 nm	%	>= 20
at 210 nm	%	>= 55
at 220 nm	%	>= 80
at 230 nm	%	>= 92
at 240 nm	%	>= 96
at 250 nm	%	>= 98
at 260 nm	%	>= 99
Aromatic compounds	ppm	<= 5
Assay (GC)	%	>= 99.2

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