

Technical Specification

PRODUCT : n-HEPTANE 99% RPE - For analysis
CODE : 446780
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
Chloroform miscibility	-	Complete
Diethyl ether miscibility	-	Complete
Readily carbonizable substances	-	Conform
Density d ₂₀ /4	-	0.681 - 0.687
Refractive index at 20°C	-	1.3836 - 1.3916
Boiling point	°C	97.4 - 99.4
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 10
Subs. reducing KMnO ₄	ppm (5m)	<= 20
Thiophene	ppm	<= 10
Aromatic compounds	ppm	<= 50
Assay (GC)	%	>= 99.0
Total sulphur (S)	ppm	<= 5
Acidity (acetic acid)	ppm	<= 10

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