

# Technical Specification

**PRODUCT : n-HEPTANE 99% RS - SPECTROSOL - For optical spectroscopy**

**CODE : 446820**

**MOLECULAR WEIGHT :100.21**

**CAS N° : 142-82-5**

**FORMULA : CH<sub>3</sub>(CH<sub>2</sub>)<sub>5</sub>CH<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Identification	-	Positive
Colour	APHA	<= 10
Density d <sub>20</sub> /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	meq/g	<= 0.0005
Alcalinity	meq/g	<= 0.0002
Aromatic compounds	ppm	<= 5
Assay (GC)	%	>= 99
UV Transmittance	-	-
at 200 nm	%	>= 20
at 210 nm	%	>= 50
at 220 nm	%	>= 80
at 230 nm	%	>= 92
at 250 nm	%	>= 98

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