

# Technical Specification

**PRODUCT : n-Octane RPE For analysis**

**CODE : 467560**

**MOLECULAR WEIGHT :114,23**

**CAS N° : 111-65-9**

**FORMULA : CH<sub>3</sub>(CH<sub>2</sub>)<sub>6</sub>CH<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification (I.R.)	-	Positive
Readily carbonizable substances	-	Conform
Density at 20°C	-	0.697 0.707
Refractive index at 20°C	-	1.3940 - 1.4010
Boiling point	°C	125.0 - 126.0
Water (K.F.)	ppm	<=100
Residue on evaporation	ppm	<=10
Acidity (caprylic acid)	ppm	<=17
Alcalinity (NH <sub>3</sub> )	ppm	<=0.2
Subs. reducing KMnO <sub>4</sub>	ppm (5m)	<=20
Total sulphur	ppm	<=50
Assay (GC)	%	>= 99

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