

Technical Specification

PRODUCT : n-PENTANE 99 % RPE - For analysis - Reag. Ph.Eur. - Reag. USP

CODE : 468150000

MOLECULAR WEIGHT :72,15

CAS N° : 109-66-0

FORMULA : CH₃(CH₂)₃CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Alcohol miscibility	-	Complete
Diethyl ether miscibility	-	Complete
Chloroform miscibility	-	Complete
Density d ₂₀ /4	-	0.623 - 0.629
Refractive index at 20°C	-	1.3552 - 1.3606
Boiling point	°C	35.8 - 36.3
Acidity or alkalinity	meq/g	<= 0.0001
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 20
Total phosphorus	ppm	<= 0.5
Total silicon	ppm	<= 0.02
Total sulphur (S)	ppm	<= 5
Ca	ppm	<= 0.5
Cu	ppm	<= 0.05
Fe	ppm	<= 0.2
K	ppm	<= 0.2
Mg	ppm	<= 0.1
Na	ppm	<= 1
Pb	ppm	<= 0.05
Zn	ppm	<= 0.1
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