

Technical Specification

PRODUCT : n-PENTANE 99 % RS - SPECTROSOL - For optical spectroscopy

CODE : 468140

MOLECULAR WEIGHT :72.15

CAS N° : 109-66-0

FORMULA : CH₃(CH₂)₃CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Colour	APHA	<= 10
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	<= 0.0002
Water (K.F.)	ppm	<= 50
Residue on evaporation	ppm	<= 2
Total sulphur (S)	ppm	<= 10
Aromatic compounds	ppm	<= 5
Assay (GC)	%	>= 99
UV Transmittance	-	-
at 210 nm	%	>= 45
at 220 nm	%	>= 89
at 230 nm	%	>= 95
from 240 nm	%	>= 98

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
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