



Carlo Erba Reagents S.A.S.
 Parc d'Affaires des Portes
 Chaussée du Vexin - BP 616
 27106 Val de Reuil Cedex
 Tél. :02.32.09.20.00
 Fax 02.32.09.20.20

Z.I DE VALDONNE - BP 4
 13124 PEYPIN
 Tél. :04.42.32.41.41
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Carlo Erba Reagents S.r.l.
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 20010 Cornaredo (Mi)
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ISO 9001: 2015

Technical Specification

PRODUCT : n-PENTANE 95 % RS - ATRASOL - For trace analysis, Suitable for Hydrocarbon index determination

CODE : P06432

MOLECULAR WEIGHT :72.15

CAS N° : 109-66-0

FORMULA : CH₃(CH₂)₃CH₃

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Refractive index at 20°C	-	1.355 - 1.359
Density d ₂₀ /4	-	0.621 - 0.631
Colour	APHA	<= 5
Water (K.F.)	ppm	<= 50
Residue on evaporation	ppm	<= 2
Free acid (as CH ₃ COOH)	ppm	<= 10
Assay (GC)	%	>= 96.5
GC-FID.Hydrocarbon oil index	mg/L	<= 0.05
Retention time n-decane - n-tetracontane	-	-
GC-FID.Individual peak (C ₁₀ -C ₄₀)	µg/L	<= 2
GC-ECD.Individual peak (Lindane)	ng/L	<= 2
Ret.range 1,2,4 trichlorobenzene	-	-
to decachlorobiphenyle	-	-

Suitable for hydrocarbon index determination according to NF-EN-ISO9377-2

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

Date : 07/10/2025

QUALITY CONTROL RESPONSIBLE
J. RICHARD (VDR)