

Technical Specification

PRODUCT : CYCLOHEXANE RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP

CODE : 436900

MOLECULAR WEIGHT :84.16

CAS N° : 110-82-7

FORMULA : CH₂(CH₂)₄CH₂

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Readily carbonizable substances	-	Conform
Density d ₂₀ /4	-	0.776 - 0.782
Refractive index at 20°C	-	1.4229 - 1.4299
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 10
Acidity (acetic acid)	ppm	<= 10
Subs. reducing KMnO ₄	ppm (5m)	<= 20
Total sulphur (S)	ppm	<= 1
Assay (GC)	%	>= 99.8
Aromatic compounds	ppm	<= 150
Methylcyclohexane	%	<= 0.1

Boiling point : 80 - 82 °C

Melting point : 5.5 - 7.5 °C

Completely miscible in Alcohol and Diethyl ether

Soluble in water

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