

Technical Specification

PRODUCT : ISOCTANE RS - For HPLC - Isocratic Grade

CODE : 412440000

MOLECULAR WEIGHT :114.23

CAS N° : 540-84-1

FORMULA : (CH₃)₃CCCH₂CH(CH₃)₂

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density d ₂₀ /4	-	0.687 - 0.697
Refractive index at 20°C	-	1.3885 - 1.3945
Boiling point	°C	98.2 - 100.2
Acidity or alcalinity	meq/g	<= 0.0002
Water (K.F.)	ppm	<= 50
Residue on evaporation	ppm	<= 2
Assay (GC)	%	>= 99.5
UV Transmittance	-	-
at 205 nm	%	>= 10
at 215 nm	%	>= 60
at 220 nm	%	>= 80
at 230 nm	%	>= 90
at 240 nm	%	>= 95
at 260 nm	%	>= 99
Aromatic compounds	ppm	<= 5

Filtered at 0.2 micron

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