

Technical Specification

PRODUCT : ISOOCTANE RS - SPECTROSOL - For optical spectroscopy - Reag.Ph.Eur.

CODE : 456750

MOLECULAR WEIGHT :114.23

CAS N° : 540-84-1

FORMULA : (CH₃)₃CCH₂CH(CH₃)₂

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification	-	Positive
Density d ₂₀ /4	-	0.691 - 0.696
Refractive index at 20°C	-	1.3910 - 1.3930
Boiling point	°C	98 - 100
Acidity or alkalinity	meq/g	<= 0.0002
Water (K.F.)	ppm	<= 50
Residue on evaporation	ppm	<= 5
Aromatic compounds	ppm	<= 5
Assay (GC)	%	>= 99.5
UV Transmittance	-	-
at 210 nm	%	>= 35
at 220 nm	%	>= 72
at 230 nm	%	>= 85
at 255 nm	%	>= 98
UV Absorbance	-	-
from 250 nm to 420 nm	AU	<= 0.01

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