

Technical Specification

PRODUCT : Castor oil ERBapharm - According to pharmacopoeia : BP-FU-Ph.Eur.-Ph.Franc.

CODE : 356350

MOLECULAR WEIGHT :932

CAS N° : 8001-79-4

TEST	U.M.	SPECIFICATION
Description	-	Slightly yellow , viscous liq.
Appearance	-	Clear at 40°C*
Identification	-	Positive
Refractive index at 20°C	-	about 1.479
Density d20/20	-	about 0.958
Optical rotation	°	+3.5 to +6.0
UV Absorbance	-	-
at 270 nm	AU	<= 0.7
Acidity index	mg KOH/g	<= 1.5*
Index of hydroxyl	-	>= 160*
Index of peroxides	meq O2/kg	<= 10.0*
Unsaponifiable matter	%	<= 0.8*
Water (K.F.)	%	<= 0.3
Composition in fatty acid	Ph.Eur.	Conform
Palmitic acid	%	<= 2.0*
Stearic acid	%	<= 2.5*
Ricinoleic acid	%	85.0 - 92.0*
Oleic acid and isomers	%	2.5 - 6.0*
Linoleic acid	%	2.5 - 7.0*
Linolenic acid	%	<= 1.0*
Eicosenoic acid	%	<= 1.0*
Any other fatty acid (each)	%	<= 1.0*
Origin (BSE/TSE)	-	Vegetable
Residual solvents (Current ICH)	-	Conform*

This batch has been released by authorized personnel

* Parameters marked with * are tested periodically

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