



# TECHNICAL DATA

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## CASTOR OIL U.S.P.

### GENERAL SPECIFICATIONS

Castor Oil is the fixed oil obtained from the seed of *Ricinus communis* Linné (Fam. Euphorbiaceae).

<u>TEST</u>	<u>METHOD</u>	<u>RANGE</u>
Specific Gravity @ 25°C	USP	0.957-0.961
Iodine Value	USP	83 - 88
Saponification Value	USP	176 - 182
Free Fatty Acids	USP	< 3.5 mL of 0.10 N NaOH
Heavy metals, Method II	USP	0.001% max
Hydroxyl value	USP	160 - 168
Distinction from most other fixed oils	USP	passes

Color Gardner	AOCS Td 1a-64	3 max
Appearance	Characteristically clear and free from suspended matter	
Odor	Slight, characteristic	

#### TYPICAL FATTY ACID COMPOSITION (%)

C16:0	0.8 - 1.8	C18:2	3.5 - 6.8
C18:0	0.8 - 2.0	Ricinoleic	82 - 95
C18:1	3.0 - 6.0		

(Fatty acid composition is provided for informational purposes only and is not part of a standard batch analysis.)

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