



TECHNICAL DATA

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INDUSTRIAL CASTOR OIL

GENERAL SPECIFICATIONS

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

TEST	METHOD	RANGE
Iodine Value	USP	83 - 88
Saponification Value	USP	176 - 184
Acid value	USP	2.0 max
Hydroxyl value	USP	160 - 168
Moisture & volatile	AOCS Ca 2b-38	0.355% max
Viscosity, St	ASTM D1545	6.3 - 8.9

Color Gardner	AOCS Td 1a-64	4 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.)

Because of natural variations in oilseed crops, chemical and physical constants cannot be guaranteed at all times.

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