



TECHNICAL DATA SHEET(TDS)

Castor Oil, Cold Pressed, Lab

Product Specifications (CAS# 8001-79-4)

Test	Specification	Typical Results
Hydroxyl Value	160 - 168 mgKOH/g	160 - 168
Acid Value	Max 2 mgKOH/g	1.38 mgKOH/g
Water Determination	Max 0.3%	0.18%
Peroxide Value	Max 10 meq/kg	2.8 meq/kg
Unsaponifiable Matter	Max 0.8 %	0.58%
C:16:0 Palmitic Acid	Max 2.0 %	1.27%
C:18:0 Stearic Acid	Max 2.5 %	0.98%
C:18:1 Oleic Acid	2.5 - 6.0 %	2.87%
C:18:2 Linoleic Acid	2.5 - 7.0 %	5.53%
C:18:3 Linolenic Acid	Max 1.0 %	0.50%
C:20:1 Eicosenic Acid	Max 1.0 %	0.29%
Ricinoleic Acid	85.0 - 92.0 %	85.0 - 92.0%

Appropriate/legal use of this product is the responsibility of the user.

[Castor Oil, Lab Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
© 2026 Lab Alley