

**Certificate of Analysis**

**Product: Castor Oil, Cold Pressed, USP Grade, Kosher**

**Item Number: CAOLU**

**CAS#: 8001-79-4**

**Grade: USP**

**Lot Number: 5001475/1.2**

**Manufacture Date: 04/02/2025**

**Expiration Date: 04/01/2028**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Acid Value	Max. 2 mgKOH/g	1.66
UV Abs. @ 270nm	0.7 - 1.5	1.11
Water Determination	Max. 0.3%	0.17
Saponification Value	As reported, mgKOH/g	184.8
Hydroxyl Value	160 - 168 mg/KOH/g	166
Peroxide Value	Max. 10 meq/kg	NIL
Unsaponifiable Matter	Max. 0.80%	0.72
Distinction	Partly soluble in solvent Hexane	Pass
	Yields a clear liquid with an equal volume of alcohol	Pass
Fatty Acid Profile:		
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%	0.5
C:20:1 Eicosenic Acid	Max. 1.0%	0.29
Ricinoleic Acid	85 - 92	90.32
cis-11-Octadecenoic or Other	As reported	0.29
Unidentified Fatty Acid	Max. 1.0%	0.93
Triglyceride Composition:		

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RRO	2.5 - 5%	3.69
RRS	0.2 - 0.8%	0.53
RRL	2 - 4%	3.27
RRR	Min. 90.0%	92.51

Store in a cool, dry, and well-ventilated environment.

[Castor Oil, Cold Pressed, USP Grade, Kosher](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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