



SUPPLIERS OF IMPORTED AND DOMESTIC VEGETABLE OILS

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## CASTOR OIL

### CASTOR OIL, STANDARD OF QUALITY

The quality of castor oil described in the sales contract shall be the designated grade conforming to the standard specification of the INTERNATIONAL CASTOR OIL ASSOCIATION, INC. (ICOA), as follows.

Castor Oil, a clear viscous liquid of the following types shall be the triglyceride oil derived from the seed of the castor plant, genus *Ricinus communis*.

<u>VALUES</u>	<u>AOCS TEST METHODS</u>	<u>CASTOR OIL SPECIFICATIONS</u>
COLOR-LOVIBOND, 5¼" SCALE	Cc 13b-45	20 Y 2R MAX
COLOR-GARDNER APPEARANCE @ 25°C	Td 1a-64	3 MAX
ACID VALUE	VISUAL	CLEAR
FREE FATTY ACIDS	Cd 3d-63	2 MAX
MOISTURE & VOLATILE	Ca 5a-40	1.00% MAX
INSOLUBLE IMPURITIES	Ca 2c- 25	0.25% MAX
SPECIFIC GRAVITY @ 25/25°C	Ca 3a-46	0.02% MAX
REFRACTIVE INDEX @ 25°C	Cc 10a-25	0.957-0.965
IODINE VALUE	Cc 7-25	1.476-1.479
HYDROXYL VALUE	Cd 1-25	83-88
SAPONIFICATION VALUE	Cd 13-60	160-168
UNSAAPONIFIABLE	Cd 3-25	175-185
ODOR	Ca 6a-40	0.7% MAX
SOLUBILITY IN ALCOHOL @ 20°C		CHARACTERISTIC, SLIGHT
VISCOSITY, STOKES		COMPLETE WITHOUT TURBIDITY
RICINOLEIC ACID CONTENT	Tq 1a- 64	6.3-8.9
	ISO 5008/9	85% MIN