



SUPPLIERS OF IMPORTED AND DOMESTIC VEGETABLE OILS

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PALE PRESSED 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>PALE PRESSED CASTOR OIL SPECIFICATIONS</u>
COLOR-LOVIBOND, 5¼" SCALE	Cc 13b-45	10 Y 1R MAX
COLOR-GARDNER	Td 1a-64	2 MAX
APPEARANCE @ 25°C	VISUAL	CLEAR
ACID VALUE	Cd 3d-63	1.50 MAX
FREE FATTY ACIDS	Ca 5a-40	0.75% MAX
MOISTURE & VOLATILE	Ca 2c- 25	0.25% MAX
INSOLUBLE IMPURITIES	Ca 3a-46	0.01% MAX
SPECIFIC GRAVITY @ 25/25°C	Cc 10a-25	0.957-0.965
REFRACTIVE INDEX @ 25°C	Cc 7-25	1.476-1.479
IODINE VALUE	Cd 1-25	83-88
HYDROXYL VALUE	Cd 13-60	160-168
SAPONIFICATION VALUE	Cd 3-25	175-185
UNSAAPONIFIABLE	Ca 6a-40	0.7% MAX
ODOR		FAINT
SOLUBILITY IN ALCOHOL @ 20°C		COMPLETE WITHOUT TURBIDITY
VISCOSITY, STOKES	Tq 1a- 64	6.3-8.9
RICINOLEIC ACID CONTENT	ISO 5008/9	85% MIN