

Rudraroma Exports Pvt. Ltd.

Address – Plot no.38 Khasra No. 46/16/2, Gali No. 6 Nanu

Ram Park Najafgarh Delhi -110043

Phone - +91-9217323361, 9217323361

Website: www.rudraroma.com, www.droils.com

Email id:- sales@droils.com , info@droils.com



CERTIFICATE OF ANALYSIS (COA)

PRODUCT INFORMATION

PRODUCT NAME	Castor Oil
OIL CATEGORY	Carrier oil
BOTANICAL NAME	<i>Ricinus communis</i>
PLANTS PART USE	Beans
GRADE	Food grade
CAS NUMBER	8001-79-4
ORIGIN	India
APPEARANCE	Liquid
METHOD OF EXTRACTION	Cold pressed method
COLOR	Yellow viscous clear liquid
ODOR	Characteristic odor

PHYSICO - CHEMICAL PROPERTIES

TESTS	REQUIREMENT	RESULTS
MOISTURE AND VOLATILE MATTER	0.25 PCT Max	00.21
FREE FATTY ACID	Max 1.0%	0.78.2
COLOR IN 5¼ LOVIBOND SCALE	Max 20 Yellow 2.0 Red	Complies
SAPONIFICATION VALUE	177 to 185	182.61
ACETYL VALUE	140 Min	142.55
IODINE VALUE	82 – 90	84.60
HYDROXYL VALUE	160 – 168 mgKOH/gm	164.44 mgKOH/gm
WATER %	Max 0.25%	Complies
ACID VALUE	Max 2.0 mgKOH/g	0.57 mgKOH/g
UNSAPONIFIABLE MATTER	Max 1.0%	0.43
INSOLUBLE IMPURITIES	0.02 PCT max	Complies
RICINOLEIC ACID & CONTENT	Min 85%	85.30%
REFRACTIVE INDEX	1.474 to 1.481	1.4765
SPECIFIC GRAVITY	0.950 to 0.978	0.966
APPEARANCE	COLORLESS TO PALE YELLOW CLEAR LIQUID	

STABILITY PROPERTIES

STORAGE CONDITIONS	Store in cool, dry place in tightly sealed containers
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BEST BEFORE	2 years or longer if stored properly
SOLUBILITY	Insoluble in water & soluble in oils& alcohols

PREPARED BY	Jyoti
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Since It is an herbal product there is likely to be minor color variation from batch to batch because of the seasonal variations of the raw materials. Color change will not affect the quality and efficiency of the product.

DISCLAIMER

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