

CERTIFICATE OF ANALYSIS

Product Name	Castor Oil
INCI Name	Ricinus Communis Seed Oil
CAS Number	8001-79-4
EINECS Number	232-293-8
Lot Number	L50901097
Manufacture Date	04/2025
Re-test Date	04/2027

PROPERTIES	SPECIFICATIONS	RESULTS
Appearance	Clear yellow oily liquid	4.0R + 38.0Y
Refractive Index	1.477 – 1.485	1.4788
Moisture & Volatile (%)	0.25 MAX	CONFORMS
Free Fatty Acid (%)	1.0 MAX	CONFORMS
Acid Value (mg KOH/g)	2 MAX	1.5
Saponification Value (mg KOH/g)	177 – 185	CONFORMS
Unsaponifiable Matter (%)	0.50 – 0.80	CONFORMS
Hydroxyl Value (mg KOH/g)	160 – 168	CONFORMS
Iodine Value	82 – 90	CONFORMS
Relative Density (20°C)	0.954 – 0.960	0.960
Sediment	NIL	CONFORMS
ASH	NIL	CONFORMS
Solubility	Soluble in Alcohol, Ether	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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