



GALILEO

ESSENTIAL OILS & MORE

CASTOR

Specifications



General Specification

Product Name	Castor (Cold Press – Egyptian – Galileo)
Botanical Name	Ricinus communis
Botanical Family	Euphorbiaceae
Description	Carrier Oil Obtained from Seeds of Ricinus communis
Status	Organic
Manufacturer	GMS TRADE
Harvest Season	Aug - Oct

Physical Specification

Parameter	Requirement	Test Method
Appearance	Colorless – Slightly yellow	Visual
Odor	Mild	Organoleptic
Taste	Slightly bitter – Mildly nutty	Organoleptic
Solubility	Insoluble in water – Soluble in ethanol	Visual
Specific Gravity	0.955 – 0.965 @ 20°C	ASTM D4052
Refractive Index	1.476 – 1.481 @ 20°C	ASTM D1218

Fatty Acid Composition

Primary Constituents	Ricinoleic	
Parameter	Requirement %	Test Method
Ricinoleic	85 – 95	GC-FID
Oleic	2 – 6	GC-FID
Linoleic	1 – 5	GC-FID

Key Applications & Benefits

Property	Usage	Advantage
Primary Profile	Powerful stimulant laxative - Gentle detoxification	Nutraceuticals - Anti-inflammatory
Skin Care Profile	Deeply moisturizing - Wound healing	Deep hydration - Collagen production
Hair Care Profile	Strengthens roots - Promotes thicker hair growth	Scalp health - Strengthens & moisturizes

