Certificate of Analysis (COA)

Product Name: Pumpkin Seed Oil Virgin Organic
Botanical Name: Cucurbita pepo
INCI Name: Cucurbita Pepo (Pumpkin) Seed Oil
CAS Number: 8016-49-7
EC Number: 289-741-0
Country of Origin: USA
Product Grade: Food / Cosmetic / Industrial
Lot Number: BPCPSOVO22026
Best Before: February 2029

Test Parameter	Specification	Test Result
Appearance	Brown to amber-coloured liquid	Complies
Odour	Characteristic odour	Complies
Solubility	Insoluble in water	Complies
Specific Gravity at 25°C	0.9100–0.9300	Complies
Moisture & Volatiles	≤ 0.1%	Complies
Acid Value	≤ 2.0 mg KOH/g	Complies
Peroxide Value	≤ 10 meq O_2/kg	Complies
Refractive Index at 25°C	1.4600–1.4850	Complies
Unsaponifiable Matter	≤ 2.5%	Complies
Saponification Value	184–210 mg/g	Complies
Iodine Value	105–130 g I_2/100 g	Complies

FATTY ACID COMPOSITION

Fatty Acid	Specification	Test Result
Linoleic Acid (C18:2)	40–65%	Complies
Oleic Acid (C18:1)	15–38%	Complies
Stearic Acid (C18:0)	5–7%	Complies
Palmitic Acid (C16:0)	8–15%	Complies

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