

Pomegranate Seed Oil

Product Information

INCI Name: *Punica granatum* Seed Oil
CAS no.: 84961-57-9
Manufacturing Method: Cold Pressed

SPECIFICATIONS

Appearance: Oily liquid
Odor: Characteristic
Color: Yellow – Golden
Specific Gravity @ 20°C: 0.935 – 0.945

Parameter Tested	Specification
Moisture KF (%)	<0.5
Free Fatty Acid (% Oleic Acid)	<5
Acid Value (mg KOH/g)	<10
Peroxide Value (meq O ₂ /Kg oil)	<20
Volumetric Weight (g/ml)	0.92 – 0.96
Saponification Value (mg KOH/g)	160 – 195
Unsaponifiable Matter (g/100g)	<20
Iodine Value (%)	220 – 250
Refractive Index	1.50 – 1.54

Fatty Acid* (% total Fatty Acids)	Symbol	Specification (%)
Oleic Acid	C 18:1	3 – 20
Linoleic Acid	C 18:2	3 – 15
Punicic Acid and Isomers **	C 18:3	>70

*Test Method: AOCS Ce 1E-91

**The result of “Punicic Acid and Isomers” (C 18:3) includes the following Isomers:

CLnA α-eleostearic acid (9c,11t,13t) and catalpic acid (9c, 11t, 13c).

* Please note that this information is provided by our approved supplier and is gathered from their specification sheet. Botanic Innovations tests according to our internal specifications upon receipt which will include some, but not all, of the testing reflected on this supplier specification.

STORAGE

For best shelf-life preservation, keep product sealed and store in a dry, cool place, preferably room temperature (75°) or cooler, and away from light.

PACKAGING

This product is packaged in 1 gallon, 5 gallon, and 30 gallon containers.