



Organic Virgin Pomegranate Seed Oil
 INCI: Punica Granatum Linn (Pomegranate) Seed Oil
 Product ID: ORGOILPOMEXPVIREU742

Specifications

Analytical Details

Appearance:

Color (Gardner):

Acid Value:

Peroxide Value:

Moisture:

Saponification Value:

Unsaponifiable Matter:

Refractive Index (20 °C):

Specific Gravity (20 °C):

Methods

Visual

DIN 4630

ISO 660

ISO 3960

AOCS Ca2e : 84(09)

ISO 3657

ISO 3596

ISO 6320

ISO 6883

Specifications

Bright Yellow Oil

≤ 12.0

≤ 5.0 mg KOH/g

≤ 10.0 meq/kg

≤ 0.1%

182.0 - 192.0 mg KOH/g

≤ 2.5%

1.510 - 1.525

0.940 - 0.950 g/mL

Fatty Acid Profile

< C16:0:

C16:0 Palmitic:

C18:0 Stearic:

C18:1 Oleic:

C18:2 Linoleic:

C18:3 9c,11t,13c Punicic:

C20:0 Icosanoic:

ATM018

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≤ 0.3%

2.0 - 5.0%

≤ 3.0%

3.0 - 10.0%

3.0 - 10.0%

60.0 - 86.0%

≤ 1.0%

Persistent Organic Pollutants

Benzo(a)pyrene:

Sum of B(a)P, B(a)A, B(b)F, Chrysene:

Sum of Dioxins and Furans (WHO-PCDD/F-TEQ/g):

Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g):

PCBs (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB):

ISO 22959

ISO 22959

GC-MS/MS

GC-MS/MS

GC-MS/MS

≤ 2.0 µg/kg

≤ 10.0 µg/kg

≤ 0.75 pg/g

≤ 1.25 pg/g

≤ 40.0 ng/g

**Heavy Metals**

Lead:	ICPMS	≤ 0.1 mg/kg
Cadmium:	ICPMS	≤ 0.05 mg/kg
Mercury:	ICPMS	≤ 0.05 mg/kg
Arsenic:	ICPMS	≤ 0.1 mg/kg

Microbiological

Total Viable Count:	TP/006	≤ 1000 cfu/g
Yeast & Mold:	TP/008	≤ 100 cfu/mL
E. Coli:	TP/016	Not Detected
Salmonella:	TP/018	Not Detected
S. Aureus:	TP/012	Not Detected

Shelf Life: 1 Year**Storage:** Store in a cool and dry place. Avoid light and heat. Cover with nitrogen after opening and close the container tightly.**Note: Pesticide residues are tested annually on a random batch and are in accordance with European Food Law.****Date:** 07/13/2020

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