



Specification Sheet

Product Name:	Pomegranate Oil, Cold Pressed (WHC309)
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INCI Name:	Punica Granatum (Pomegranate) Seed Oil
CAS Number:	84961-57-9
EINECS Number:	284-646-0

Address:	The Soap Kitchen Unit 8 Caddsdwn Industrial Park Clovelly Road, Bideford Devon EX39 3DX UK
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Telephone Number:	+44 (0)1237 420872
Email Address:	info@thesoapkitchen.co.uk
Website Address:	www.thesoapkitchen.co.uk

Description:	The oil is obtained by cold pressing the fresh seeds of Punica granatum Linn, Punicaceae then filtering.
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Application:	Cosmetics, Skin care, Aromatherapy
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Origin:	China
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TYPICAL ANALYTICAL DETAILS:

Appearance:	A bright yellow oil
Taste and smell:	Typical
Colour Lovibond 1" Cell:	N/S
Colour (Gardner):	12
Refractive Index @ 20°C:	1.510 – 1.525
Specific Gravity @ 20°C:	0.940 – 0.950
Free Fatty Acid (% as oleic):	< 2.5
Iodine Value (g / 100g):	185 – 250
Peroxide Value (Meq/kg):	< 8.0
Saponification Value:	182 – 192
Unsaponifiable Matter:	< 2.5
Acid Value (MG KOH/ g):	< 5.0
Benzo (A) Pyrene (ug/kg):	< 2.0
Sum of B(A)P, B(A)A, B(B)F, Chrysene ² (µg/KG):	< 10.0
Sum of Dioxins and Furans (as WHI-PCDD/F-TEQ/G) (PG/G):	< 0.75



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TYPICAL ANALYTICAL DETAILS:

Sum of Dioxins, Furans, Dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/G) (PG/G):	< 1.25
PCB's (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB) (NG/G):	< 40
Moisture & Volatile Matter (%):	< 0.1
Salmonella (CFU/G):	Absent
Yeast & Moulds (CFU/G):	< 100
Total Viable Count (TVC) (CFU/G):	< 1000
E. Coli (CFU/G):	< 1
Staphylococcus Aureus (CFU/G):	< 10
Pesticide residues in accordance with European Food Law:	Complies

FATTY ACID PROFILE (MAJOR ACIDS)

<C16:0	Less than Palmitic	< 0.3
C16:0	Palmitic	1 – 4
C16:1	Palmitoleic	N/S
C18:0	Stearic	1 – 3
C18:1	Oleic	3 – 6
C18:2	Linoleic	3 – 8
C18:3	9C 11T 13C PUNICC	60 – 85
C18:3	Conjugated Trienes	3 – 20
C20:0	Icosanoic	< 1.0
C20:1	Icosenoic	< 1.0
C22:0	Docosanoic	N/S
C24:0	Tetracosanoic	N/S
	Others	1 - 3

Additional Information:

Arsenic:	0.1 ppm maximum
Cadmium:	0.05 ppm maximum
Lead:	0.1 ppm maximum
Mercury:	0.05 ppm maximum

Storage:	In unopened container away from heat and light.
Shelf life:	Recommended retest after 12 months storage.

**Disclaimer:**

The information contained herein is accurate to the best of our knowledge. No liability can be accepted, arising out of the use, application or processing of this material. It is the Users' responsibility to determine safe conditions for the use of this product. As this is a wholly natural material some parameters may differ due to natural variation and climate change.

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