



AROMANTIC
Natural Skin Care

Specifications and Product Information

Perilla Seed Oil Organic
INCI: Perilla Ocymoides Seed Oil

Cas No: 90082-61-4
Einecs No: 290-151-0

Country of Origin: China.

Application: Cosmetics & Food.

Shelf Life: 18 months.

Description: The fixed oil obtained by cold pressing the seeds of the Perilla, *Perilla ocymoides L., Lamiaceae*.

ANALYTICAL DETAILS	Unit	RANGE	TYPICAL RESULT
Appearance	Organoleptic	Clear Oil	Conforms
Colour	Organoleptic	Yellow	Conforms
Odour	Organoleptic	Characteristic	Conforms
Taste	Organoleptic	Characteristic	Conforms
Acid Value	mg KOH/g	≤ 3.0	Conforms
Peroxide Value	meq/kg	≤ 10.0	Conforms
Refractive Index @ 20°C	-	1.411 – 1.490	Conforms
Relative Density @ 20°C	g/ml	0.920 – 0.935	Conforms
Iodine Value	I2/100g	180 – 215	Conforms
Saponification Value	mg KOH/g	180 – 200	Conforms
Unsaponifiable Matter	%	≤ 2.0	Conforms
Moisture and Volatiles	%	≤ 0.2	Conforms

C16:0	Palmitic	%	5 – 8	Conforms
C18:0	Stearic	%	1 – 3	Conforms
C18:1	Oleic	%	10 – 18	Conforms
C18:2	Linoleic	%	12 – 18	Conforms
C18:3	alpha-Linolenic	%	≥ 60.0	Conforms

Lead	ppm	≤ 0.1	Conforms
Cadmium	ppm	≤ 0.1	Conforms
Mercury	ppm	≤ 0.1	Conforms
Arsenic	ppm	≤ 0.1	Conforms

Benzo (a) Pyrene	ppb	≤ 2.0	Conforms
Sum of B(a)P, B(a)A, B(b)F, chrysene	ppb	≤ 10.0	Conforms
Sum of dioxins and furans (WHO-PCDD/F-TEQ/g)	pg/g	≤ 0.75	Conforms
Sum of dioxins, furans, dioxin-like PCB's (WHO-PCDD/F-PCB-TEQ/g)	pg/g	≤ 1.25	Conforms
PCB's (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB)	ng/g	≤ 40.0	Conforms

Yeast & moulds	cfu/g	≤ 100	Conforms
Total viable count (TVC)	cfu/g	≤ 1000	Conforms
E. Coli	g	Non detected	Conforms
Salmonella	10g	Non detected	Conforms
Staphylococcus Aureus	g	Non detected	Conforms

Storage: Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Cloudiness or sediment is normal and may be resolved by rotating the unopened drum at 30-40°C.

Shelf Life: The shelf life is eighteen months unopened. Once opened the shelf life of the oil is limited by temperature, light and oxygen exposure. Any remaining oil should be blanketed with nitrogen and used as soon as possible.

March 2017