



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Pistachio Peel Essential Oil
Botanical Name	<i>Pistacia vera</i> L.
INCI Name	Pistacia Vera Fruit Oil / Pistacia Vera Fruit Extract*
Plant Part	Fresh Fruit Peel (Hull)
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil (Natural Complex Substance)
CAS Number	Not specifically assigned
EC Number	Not specifically assigned
Country of Origin	Iran
Batch Number	PPEO-260723

*INCI designation may vary depending on the supplier's registration.

ORGANOLEPTIC ANALYSIS

Test	Specification	Representative Result
Appearance	Mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, green, resinous, citrus, terpenic, slightly nutty	Conforms
Foreign Matter	None visible	Conforms

PHYSICO-CHEMICAL ANALYSIS

Test	Specification	Representative Result
Relative Density (20 °C)	0.850–0.920	0.884
Refractive Index (20 °C)	1.460–1.490	1.474
Flash Point	40–65 °C	Conforms



Test	Specification	Representative Result
Solubility	Soluble in ethanol	Conforms

REPRESENTATIVE GC/MS PROFILE

Component	Typical %
α -Pinene	47.36
Terpinolene	10.57
Limonene	9.13
Bornyl Acetate	8.57
Camphene	7.03
β -Pinene	5.39
δ -3-Carene	2.84
Sabinene	0.56
Myrcene	0.85
Other Naturally Occurring Constituents Balance	

Recent GC-MS studies on pistachio soft-hull essential oil consistently identify α -pinene, terpinolene, limonene, bornyl acetate, camphene and β -pinene as the principal volatile constituents.

QUALITY STATUS

Assessment	Status
100% Pure Essential Oil	Conforms
Natural Origin	Conforms
GMO	Not intentionally added
Animal Derived Ingredients	None
Vegan Suitable	Yes

STORAGE

Store tightly closed between 5–20°C, protected from heat, sunlight and air.

SHELF LIFE

24 months when stored under recommended conditions.

AUTHORISED BY

Fozia Khot
Director
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