



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Wild Black Cardamom Essential Oil
Botanical Name	<i>Amomum subulatum</i> Roxb.
INCI Name	<i>Amomum Subulatum</i> Seed Oil
EU CAS Number	8000-66-6
EC Number	616-915-9
Origin	Nepal
Plant Part	Seeds (Dried Capsules)
Extraction Method	Steam Distillation
Grade	Wild
Product Type	Natural Essential Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Fresh, camphoraceous, smoky, spicy, woody and balsamic	Conforms
Relative Density (20°C)	0.900–0.940	Conforms
Refractive Index (20°C)	1.460–1.485	Conforms
Optical Rotation	+20° to +45°	Conforms
Flash Point	>55°C	Conforms
Solubility	Soluble in ethanol	Conforms
Purity	100% Pure Steam Distilled Essential Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
1,8-Cineole	Present
α-Pinene	Present
β-Pinene	Present
Sabinene	Present
α-Terpineol	Present



Limonene	Present
Myrcene	Present
Terpinolene	Present
Nerolidol	Present
Spathulenol	Present

Storage

Store tightly sealed in a cool, dry place away from direct sunlight, heat and oxidising agents.

Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to the above specification.

Prepared By:

Fozia Khot
Director

