



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Ravintsara Essential Oil

Product Information

Product Name	Ravintsara Essential Oil
Botanical Name	<i>Cinnamomum camphora</i> CT Cineole
INCI Name	Cinnamomum Camphora Leaf Oil
CAS No.	8008-51-3
EINECS No.	947-255-2
Plant Part Used	Leaves
Extraction Method	Steam Distillation
Country of Origin	Madagascar
Appearance	Clear, mobile liquid
Colour	Colourless to pale yellow
Odour	Fresh, camphoraceous, herbaceous, cineole characteristic
Batch No.	RVT-2026-001

Physical & Chemical Analysis

Parameter	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Fresh, cineole, camphoraceous	Conforms
Relative Density (20°C)	0.900 – 0.920	0.909
Refractive Index (20°C)	1.460 – 1.470	1.464
Optical Rotation (20°C)	-22° to -11°	-17.3°
Solubility	Soluble in 80% ethanol	Conforms

Typical physical property ranges align with recognized quality standards for Madagascan Ravintsara essential oil.



Typical GC Analysis

Component	Specification (%)	Result (%)
1,8-Cineole	50.0 – 68.0	59.10
Sabinene	7.0 – 18.0	13.60
α -Pinene	3.0 – 8.0	5.20
β -Pinene	2.0 – 5.0	3.10
Myrcene	0.5 – 3.0	1.60
γ -Terpinene	0.2 – 3.0	0.90
Terpinen-4-ol	0.5 – 5.0	2.20
α -Terpineol	3.0 – 13.0	6.80

Typical chromatographic composition is consistent with authentic Madagascan Ravintsara essential oil.

Microbiological Status

Test	Result
Total Plate Count	Complies
Yeast & Mold	Complies
Salmonella	Absent
<i>E. coli</i>	Absent

Quality Declaration

- **100% Pure and Natural Essential Oil**
- No added solvents
- No synthetic fragrance ingredients
- Non-GMO
- Not irradiated
- Suitable for perfumery, cosmetic and aromatherapy applications
- Produced by steam distillation of *Cinnamomum camphora* leaves (cineole chemotype).

Storage

Store in tightly closed containers in a cool, dry place away from direct sunlight and sources of heat.

Shelf Life

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

Authorised by

Fozia Khot

Director

Aromology Trading LLC