

CERTIFICATE OF ANALYSIS

Product: Ravensara Oil (Madagascar) - Certified Organic ACO
Botanical Name: *Ravensara aromatica*
Origin: Madagascar
Plant Part Used: Leaves
Extraction: Steam Distillation

Physical data	<u>Specification²</u>	<u>Result</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale yellow to yellow	Complies
Odour:	Characteristic	Complies
Specific Gravity at 20°C:	0.8690 to 0.9150	0.8767
Refractive index at 20°C:	1.4600 to 1.4950	1.4815
Optical Rotation:	+0.00° to -35.00°	-21.35°

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Result Peak Area¹ (%)
<i>Ravensara aromatica</i>	a-Pinene	2 to 12	4.21
	Sabinene	8 to 22	10.67
	b-Myrcene	2 to 17	5.36
	d-Limonene	10 to 25	14.55
	1,8 Cineole	Trace to 10	0.80
	Methyl chavicol	Trace to 20	3.81