

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Ravintsara from Madagascar  
100% pure and natural

Botanical name : *Cinnamomum camphora (L.) J.Presl*  
 Commercial name : Organic Ravintsara  
 Batch number : 2001125  
 Geographical origin : Madagascar  
 Production date : September 2021

Physical and chemical data :

	Standards	Results of analysis
Appearance	Fluid and mobile liquid	Conform
Colour	Colourless to light yellow	Conform
Odour	Spicy, sweet, fresh	Conform
Specific gravity at 20° C	0.895 to 0.920	0,9073
Refractive index at 20° C	1.460 to 1.470	1,4651
Optical rotation at 20° C	-25° to -10°	- 16,69°
Flash point	+40°C to +55°C	

Table of components (1) :

Components	Contents
α-pinene	4.89%
α-thujene	0.59%
Camphene	0.13%
β-pinene	3.38%
Sabinene	15.53%
Myrcene	1.64%
α-terpinene	0.67%
Limonene	0.78%
Cineole-1,8 : Eucalyptol	58.46%
Z-β-ocimene	0.05%
γ-terpinene	1.07%
E-β-ocimene	0.25%
Para-cymene	0.34%
Terpinolene	0.29%
α-copaene	0.04%
Benzaldehyde	0.14%
Linalool	0.04%
Trans-p-menth-2-en-1-ol	0.09%
β-caryophyllene	0.50%
Terpinene-4-ol	1.75%
Cis-p-menth-2-en-1-ol	0.06%

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Table of components (2) :

Components	Contents
$\alpha$ -humulene	0.56%
$\delta$ -terpineol	0.51%
$\alpha$ -terpineol	6.63%
Germacrene D	0.29%
$\beta$ -selinene	0.17%
Bicyclogermacrene	0.20%
Trans-piperitol	0.08%
Nerol	0.06%
Calamenene	0.05%
Eugenol	0.11%
TOTAL	99.35%