

## CERTIFICATE OF ANALYSIS

Organic Essential Oil of Eucalyptus Radiata from South Africa  
100% pure and natural

Botanical name :	<i>Eucalyptus radiata</i> A.Cunn. ex DC.
Commercial name :	Organic Eucalyptus Radiata
Batch number :	<b>2200425</b>
Geographical origin :	South Africa
Production date :	June 2022

### Physical and chemical data :

	Standards	Results of analysis
<b>Appearance</b>	Mobile liquid	Conform
<b>Colour</b>	Colourless to pale yellow	Conform
<b>Odour</b>	Characteristic, slightly lemon-scented	Conform
<b>Specific gravity at 20°C</b>	0.905 to 0.925	0.9120
<b>Refractive index at 20°C</b>	1.455 to 1.475	1.4644
<b>Optical rotation at 20°C</b>	-8° to +10°	-1.03°
<b>Flash point</b>	+45°C à +55°C	

### Table of components (1) :

Components	Contents
Ethanol	0.01%
Acetone	0.01%
Isoprene	0.01%
Trans-2-Hexenal	0.03%
Cis-3-hexenal	0.06%
$\alpha$ -thujene	0.61%
$\alpha$ -pinene	2.38%
Camphene	0.01%
Sabinene	1.34%
$\beta$ -pinene	0.67%
Myrcene	1.51%
Para-Mentha-1(7),8-diene	0.01%
$\alpha$ -phellandrene	1.75%
$\alpha$ -terpinene	0.51%
Para-cymene	0.73%
Limonene	6.25%
$\beta$ -phellandrene	1.42%
Eucalyptol : cineole-1,8	62.86%
E- $\beta$ -ocimene	0.36%
$\gamma$ -terpinene	1.13%

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### **Table of components (2) :**

<b>Components</b>	<b>Contents</b>
Terpinolene	0.37%
Linalool Trans-Oxide(furanoide)	0.03%
Linalool	0.36%
Cis-para-menth-2-ene-1-ol	0,,29%
Trans-para-menth-2-ene-1-ol	0.19%
Citronellal	0.04%
δ-terpineol	0.18%
Terpinene-4-ol	2.46%
α-terpineol	10.02%
Neral	0.14%
Benzyl-Acetone	0.08%
Piperitone	1.72%
Geranial	0.19%
α-terpinyle Acetate	1.74%
Geranyl Acetate	0.06%
β-caryophyllene	0.22%
Bicyclogermacrene	0.23%
<b>TOTAL</b>	<b>99.99%</b>