

## CERTIFICATE OF ANALYSIS

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

Botanical name : *Eucalyptus radiata* A. Cunn. ex DC.  
Commercial name : Organic Eucalyptus Radiata  
Batch number : 2000405  
Geographical origin : South Africa  
Production date : February 2021

### Physical and chemical data :

	Standards	Results of analysis
Appearance	Mobile liquid	Conform
Colour	Colourless to pale yellow	Conform
Odour	Characteristic, slightly lemon-scented	Conform
Specific gravity at 20° C	0.905 to 0.925	0,9159
Refractive index at 20° C	1.455 to 1.475	1,4635
Optical rotation at 20° C	-8° to +10°	+ 1,85°
Flash point	+45°C à +55°C	

### Table of components (1) :

Components	Contents
$\alpha$ -thujene	0.21%
$\alpha$ -pinene	2.47%
Sabinene	2.02%
$\beta$ -pinene	0.76%
Myrcene	1.61%
$\alpha$ -phellandrene	0.61%
$\alpha$ -terpinene	0.26%
Para-cymene	0.23%
Limonene	6.51%
$\beta$ -phellandrene	1.23%
Eucalyptol : cineole-1,8	66.25%
E- $\beta$ -ocimene	0.23%
$\gamma$ -terpinene	0.45%
Terpinolene	0.14%
Linalool	0.49%
Cis-para-menth-2-ene-1-ol	0.17%
Trans-para-menth-2-ene-1-ol	0.11%
$\delta$ -terpineol	0.22%
Terpinene-4-ol	1.01%
$\alpha$ -terpineol	11.39%
Neral	0.18%

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Table of components (2) :

Components	Contents
Geraniol	0.98%
Geranial	0.23%
$\alpha$ -terpinyle Acetate	1.07%
$\beta$ -caryophyllene	0.20%
Bicyclogermacrene	0.26%
TOTAL	99.29%