

CERTIFICATE OF ANALYSIS

Organic Essential Oil of Palmarosa from India
100% pure and natural

Botanical name : *Cymbopogon martini (Roxb.) W. Watson*
Commercial name : Organic Palmarosa
Batch number : **2100675**
Geographical origin : India
Production date : August 2022

Physical and chemical data :

	Standards	Results of analysis
Appearance	Liquid	Conform
Colour	Pale yellow	Conform
Odour	Characteristic, rose-like	Conform
Specific gravity at 20°C	0.875 to 0.895	0.8880
Refractive index at 20°C	1.465 to 1.480	1.4750
Optical rotation at 20°C	-3° to +3°	0.00°
Flash point	+95°C to +105°C	

Table of components (1) :

Components	Contents
α -pinene	0.02%
Myrcene	0.13%
Limonene	0.12%
Cis- β -ocimene	0.31%
Trans- β -ocimene	1.40%
α -terpinolene	0.01%
6-Methyl-5-hepten-2-one	0.03%
Citronellal	0.01%
Linalool	1.54%
β -elemene	0.04%
Trans- β -caryophyllene	1.27%
α -humulene	0.08%
Neral	0.33%
Selinene isomere	0.04%
Geranyl Formiate	0.13%
Geranial	0.71%
Geranyl Acetate	9.06%
Citronellol	0.06%
Nerol	0.11%
Geraniol	81.8%
Geranyl Butyrate	0.12%

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Table of components (2) :

Components	Contents
Caryophyllene Oxide	0.19%
Trans-nerolidol	0.09%
(E,E)-Farnesyl Acetate	0.08%
(E,E)-Farnesol	0.98%
Geranyl Caproate	0.86%
Geranyl Octanoate	0.18%
TOTAL	99.70%