

## Certificate of Analysis

Product: Palmarosa Oil – BIO

Botanical Name: *Cymbopogon martinii*

Country of Origin: India

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.883	0.880 - 0.894
Refractive Index @ 20° C	1.473	1.468 - 1.478
Optical Rotation @ 20° C	0.18°	-3° - 3°

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Myrcene beta	0.20	
Limonene	0.22	
Ocimene beta cis	0.49	
Ocimene beta trans	0.26	
Linalol	1.92	
Caryophyllene beta	1.74	
Humulene alpha	0.19	
Geranial & Neral	0.11	
Geranyl acetate	11.14	3.00 - 20.00
Nerol	0.43	
Geraniol	82.02	66.00 - 84.00
Farnesol trans	0.16	
Caryophyllene oxyde	0.05	
Geranyl caproate	0.14	