

Certificate of Analysis - Ceylon Citronella Oil



P.T.C
AGRO (PVT) LTD.

GENERAL INFORMATION

Product : Ceylon Citronella Oil
Plant of Origin : *Cymbopogon nardus*.
Country of Origin : Sri Lanka (Ceylon)
Part of the Plant : Leaves
Extraction Method : Steam Distillation
CAS : 8000 - 29 - 1
FEMA : 2308
FDA : 182.20
Supplier : P.T.C Agro (Private) Limited, No.32, Green Lane, Colombo 13, Sri Lanka.
Phone : +94 114 062 741
Email : info@ptc.lk

SPECIFICATION (at 30 °C)

Colour : Pale yellow to dark yellow clear liquid
Odour : Warm, citrusy & wood scent
Flash Point : 76.7 °C
Specific Gravity : 0.8900 to 0.9200
Refractive Index : 1.4650 to 1.4870
Optical Rotation : -9° to +18°
Sol. In Ethanol : One volume of oil in two volumes of 80% (v/v) ethanol

CHEMICAL PARAMETERS

COMPOUND	RESULT	METHOD
Citronellal	3.0 - 5.0 %	ISO - 7609 (E), GC
Borneol	5.0 - 7.0 %	ISO - 7609 (E), GC
Citronellol	6.0 - 8.0 %	ISO - 7609 (E), GC
Camphene	6.0 - 10.0 %	ISO - 7609 (E), GC
Methyl Isoeugenol	6.0 - 11.0 %	ISO - 7609 (E), GC
Limonene	7.0 - 12.0 %	ISO - 7609 (E), GC
Geraniol	18.0 - 25.0 %	ISO - 7609 (E), GC
Total Geraniol	50.0 - 55.0 %	ISO - 7609 (E), GC

PACKAGING

Packing Container : 1 - 25kg Aluminium perfume bottle / 200kg HDPE drum / 200kg Coated drum