



Lemongrass Oil Analysis

Product:	Lemongrass Essential Oil
INCI Name:	Cymbopogon Flexuosus Oil
Country of Origin:	India
Botanical part:	Leaf
Botanical Name:	Cymbopogon flexuosus (Ness ex Steudel) J. F. Watson
CAS Number:	8007-02-1 / 91844-92-7

Characteristics:

	Requirement	Result
Appearance:	Clear liquid	Conforms
Colour:	Light yellow to brownish yellow	Conforms
Odour:	Lemon-like, herbaceous	Conforms
Specific Gravity (gr/ml) @ 20°C:	0.875 – 0.905	0.894
Refractive Index @ 20°C:	1.4825 – 1.4890	1.4850

GC/MS/FID Analysis (%):

1	Geranial	40.43
2	Neral	30.78
3	Geraniol	7.10
4	Geranyl Acetate	4.23
5	β - Caryophyllene	1.92
6	6-Methyl-5-Hepten-2-One	1.29
7	Limonene	0.28