

CERTIFICATE OF ANALYSIS
Lemon Grass Essential oil

Product Name: Lemon Grass Essential oil

Botanical Name: *Cymbopogon citratus* (DC.) Stapf

Extraction process: hydro-distillation

Gas Chromatographic Profile

Analytical Check	Compound	Retention time	Percentage	Method
	<i>β</i> -Myrcene	5.44	7.32	GC-MS
	Linalool	8.28	1.13	GC-MS
	<i>Z</i> -Isocitral	9.8	0.71	GC-MS
	<i>E</i> -Isocitral	10.29	1.39	GC-MS
	Neral	12.1	39.02	GC-MS
	Geranial	12.95	43.25	GC-MS
	Geraniol	13.44	1.75	GC-MS
	Geranyl acetate	15.48	4.7	GC-MS
	(<i>E</i>)-Caryophyllene	16.55	0.1	GC-MS
	<i>trans-α</i> -Bergamotene	16.8	0.12	GC-MS
	<i>tau</i> -Cadinol	21.85	0.1	GC-MS