NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Lemongrass Essential Oil
(Cymbopogon citratus)

PRODUCT NAME: LEMONGRASS, ESSENTIAL OIL ORGANIC (CITRATUS)
BATCH NUMBER: 120724-2
PRODUCT INCI: CYMBOPOGON CITRATUS LEAF/STEM OIL
ORIGIN: SRI LANKA
CAS NUMBER: 8007-02-1 / 91844-92-7
EINECS NUMBER: 295-161-9
MANUFACTURING METHOD: STEAM DISTILLED

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	YELLOW - BROWNISH	-
ODOUR	CHARACTERISTIC, LEMON-LIKE	-
SPECIFIC GRAVITY @ 20°C	0.865 – 0.912	0.8928
REFRACTIVE INDEX @ 20°C	1.460 – 1.505	1.4845
OPTICAL ROTATION (°C)	-4.0 TO +4.0	-2.283

The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.

Components	GC Value (%)	Specification
Methyl Heptanone	0.96%	Trace to 3%
Limonene	0.16%	0.1 to 11%
Geraniol	7.34%	2 to 10%
Geranial	38.50%	Total Citral = 65 to 75%
Neral	29.34%	
Geranyl Acetate	4.55%	Trace to 6%
β - Caryophellene	2.37%	0.5 to 3%
α – Pinene	0.13%	Trace to 2%
Camphene	0.68%	0.5 to 3%

STORAGE CONDITIONS
STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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