



**vessel**  
essential oils

<b>GC-MS Analysis</b>		<b>Essential Oil</b>
<b>Product Name</b>		<b>Lemongrass Organic Essential Oil from India</b>
<b>Product Type</b>		<b>Essential oil</b>
<b>Botanical Name</b>		<b><i>Cymbopogon flexuosus</i></b>
<b>Batch N°</b>		<b>LG2021001B</b>
<b>Label name</b>		<b>Lemongrass Organic Essential Oil</b>
<b>Production Date</b>		<b>August 2020</b>
<b>Shelf Life</b>		<b>5 years</b>
<b>Origin</b>		<b>India</b>
<b>Refractive Index</b>		<b>1.489</b>
<b>Specific gravity (g/mL)</b>		<b>0.897</b>
<b>Optical rotation (°)</b>		<b>-1.60°</b>
<b>Cultivation</b>		<b>Organic certified</b>
<b>Production</b>		<b>Steam Distillation</b>
<b>Plant Part</b>		<b>Leaves</b>
<b>RT Time (min)</b>	<b>Compound</b>	<b>%</b>
<b>12.438</b>	Tricyclene	0.12
<b>13.016</b>	Alpha-pinene	0.19
<b>13.955</b>	Camphene	0.95
<b>15.855</b>	6-Methyl hept-5-en-2-one	1.61
<b>18.759</b>	Limonene	0.93
<b>19.151</b>	Cis-beta-ocimene	0.24
<b>19.851</b>	trans- beta-ocimene	0.16
<b>21.522</b>	4-Nonanone	1.62
<b>23.465</b>	Linalool	1.12
<b>23.900</b>	Alpha-pinene oxide	0.11

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<b>26.139</b>	Epiphotocitral A	0.12
<b>26.859</b>	Trans-chrysanthemal	0.27
<b>27.097</b>	Citronellal	0.31
<b>27.727</b>	Isoneral	0.51
<b>28.289</b>	Isoborneol	0.13
<b>28.516</b>	Borneol	0.21
<b>29.039</b>	Isogeranial	0.96
<b>30.107</b>	Alpha-terpineol	0.17
<b>32.101</b>	Nerol	0.11
<b>32.278</b>	Citronellol	0.28
<b>33.141</b>	Neral	29.50
<b>33.907</b>	Geraniol	8.18
<b>35.193</b>	Geranial	39.34
<b>42.433</b>	Geranyl acetate	5.78
<b>43.211</b>	Beta-elemene	0.15
<b>45.153</b>	Beta-caryophyllene	1.73
<b>46.734</b>	(E)-Isoeugenol	0.33
<b>50.943</b>	Gamma-Cadinene	1.12
<b>55.039</b>	Caryophyllene oxide	0.40
<b>Total</b>		<b>96.65</b>

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