



PHYTOS

Phytos Natur CZ. s.r.o.

## TECHNICAL DATA SCHEET (TDS)

<b>Product Name</b>	<b>LEMONGRASS</b>
<b>Botanical Name</b>	Cymbopogon winterianus
<b>CAS #</b>	91771-61-8
<b>ENCIES #</b>	294-954-7
<b>INCI Name</b>	<i>Cymbopogon Winterianus Herb Oil</i>

<b>Part Used</b>	Leaves (aerial parts)
<b>Extraction Method</b>	Steam Distillation
<b>Quality</b>	100% Pure and Natural
<b>Note Classification</b>	Top Note

<b>PROPERTIES</b>	
<b>Appearance</b>	Pale yellow to yellow liquid
<b>Odor</b>	Fresh, lemony, grassy, slightly sweet
<b>Refractive Index</b>	1.475 – 1.489 @ 20 °C
<b>Specific Gravity (g/mL)</b>	0.880 – 0.900 @ 20 °C
<b>Solubility</b>	Soluble in alcohol and essential oils, insoluble in water

<b>MICROBIAL ANALYSIS</b>	<b>SPECIFICATIONS</b>	<b>STANDARDS</b>
<b>Aerobic Mesophilic Bacterial Count</b>	< 100 CFU/g	ISO 21149
<b>Yeast and Mold</b>	< 10 CFU/g	ISO 16212
<b>Candida albicans</b>	ABSENT / 1g	ISO 18416
<b>Escherichia coli</b>	ABSENT / 1g	ISO 21150
<b>Pseudomonas aeruginosa</b>	ABSENT / 1g	ISO 22717
<b>Staphylococcus aureus</b>	ABSENT / 1g	ISO 22718

<b>HEAVY METAL TESTS</b>	<b>SPECIFICATIONS</b>	<b>STANDARDS</b>
<b>Lead: Pb (mg/kg or ppm)</b>	< 10 ppm	na
<b>Arsenic: As (mg/kg or ppm)</b>	< 2 ppm	na
<b>Mercury: Hg (mg/kg or ppm)</b>	< 1 ppm	na

### STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

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