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### CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME</b>	<b>LEMONGRASS ORGANIC ESSENTIAL OIL</b>
<b>LATIN NAME</b>	<i>Cymbopogon Flexuosus</i>
<b>CAS NO</b>	<b>8007-02-1</b>
<b>PRODUCT CODE</b>	<b>PGLEMCC01</b>
<b>BATCH NUMBER</b>	<b>LEMGO0722KYE</b>
<b>MANUFACTURE DATE</b>	07/2022
<b>EXPIRY DATE</b>	07/2027
<b>COUNTRY OF ORIGIN</b>	<b>INDIA</b>
<b>PART OF PLANT USED</b>	<b>GRASS (STEAM DISTILLED)</b>
<b>ORIGINAL DATE ISSUED</b>	<b>19/07/2022</b>
<b>DATE DISPATCHED</b>	<b>05/05/2023</b>

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
<b>COLOUR</b>	CLEAR PALE YELLOW TO YELLOW	COMPLIES
<b>ODOUR</b>	CITRUS AROMA	COMPLIES
<b>PHYSICAL STATE</b>	LIQUID OIL	COMPLIES
<b>REFRACTIVE INDEX (20°C)</b>	1.4830 – 1.4890	1.4850
<b>RELATIVE DENSITY (20°C)</b>	0.869 – 0.899	0.8944
<b>OPTICAL ROTATION</b>	-3° – +1°	-2.36°

MAJOR CONSTITUENT LISTING		
NAME OF CONSTITUENT	%COMPOSITIONS	SPECIFICATIONS (%)
CAMPHENE	1.330	-
SULACTONE (6-METHYL-5-HEPTEN-2-ONE)	1.277	-
MYRCENE	0.084	0 -12
LIMONENE	0.285	-
4 NONANONE	0.916	-
LINALOOL	1.037	0.4 - 2.0
TERPINENE-4-OL	-	0.04 - 2.5
ALPHA TERPINEOL	0.203	0 - 0.5
DECANAL	0.167	-
CITRONELLOL	0.123	-
ISO NERAL	0.842	-
ISO GERANIAL	1.323	-
NERAL	32.546	CITRAL >70%
GERANIAL	41.711	
GERANIOL	6.456	0.5 - 10
CITRONELLYL ACETATE	-	-
NERYL ACETATE	-	-
GERANYL ACETATE	3.108	0.1 - 6
BETA CARYOPHYLLENE	1.645	0.09 -1.2
ALPHA HUMULENE	0.187	-
GAMMA CADINENE	1.185	-
CARYOPHYLLENE OXIDE	0.286	-

<b>STORAGE CONDITIONS</b>	<b>STORE IN A COOL DARK PLACE</b>
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As it is electronically generated document, hence no signature required.



CERTIFIED ORGANIC



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