

CERTIFICATE OF ANALYSIS

PRODUCT NAME: LEMONGRASS OIL (INDIA) - ORGANIC ACO/USDA

BOTANICAL NAME: *Cymbopogon flexuosus*

COUNTRY OF ORIGIN: INDIA

TEST (UNIT)	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO AMBER	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, FRESH GRASSY-LEMON	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.869 to 0.900	0.896
OPTICAL ROTATION @ 20°C	-5° to +1°	-2°
REFRACTIVE INDEX @ 20°C	1.480 to 1.490	1.484
CHROMATOGRAPHIC PROFILE		
CITRAL- NERAL + GERANIAL (%)	Min 65.0	69.8