

# CERTIFICATE OF ANALYSIS

## GC ANALYSIS

### PRODUCT DETAILS

<b>PRODUCT NAME: LEMONGRASS (FLEXUOSUS), ESSENTIAL OIL ORGANIC</b>
<b>LOT NUMBER: 003578</b>
PRODUCT INCI: CYMBOPOGON FLEXUOSUS OIL
CAS NUMBER: 91844-92-7
EINECS NUMBER: 295-161-9
MANUFACTURING METHOD: STEAM DISTILLED
MANUFACTURING DATE: 08/07/2019
BEST BEFORE DATE: 08/07/2022
SHELF LIFE / BEST BEFORE: 24 MONTHS

### GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	PASS
COLOUR	YELLOW	PASS
ODOUR	CHARACTERISTIC, CITRAL, FRESH, INTENSE	PASS
SPECIFIC GRAVITY @ 20°C	0.869 – 0.910	0.8882
REFRACTIVE INDEX @ 20°C	1.460 – 1.490	1.479
OPTICAL ROTATION (°C)	-4.0 TO +4.0	-2.0

### GC ANALYSIS

COMPONENT	RESULT
NERAL	30.237
GERANIOL	8.172
GERANIAL	40.622
GERANYL ACETATE	3.878

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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