

## CERTIFICATE OF ANALYSIS GC ANALYSIS

### PRODUCT DETAILS

<b>PRODUCT NAME: EUCALYPTUS GLOBULUS, ESSENTIAL OIL ORGANIC</b>
<b>LOT NUMBER: 004644</b>
PRODUCT INCI: EUCALYPTUS GLOBULUS LEAF OIL
CAS NUMBER: 8000-48-4 / 84625-32-1
EINECS NUMBER: 283-406-2
MANUFACTURING METHOD: STEAM DISTILLATION
MANUFACTURING DATE: 24/10/2019
BEST BEFORE DATE: 24/10/2022
SHELF LIFE / BEST BEFORE: 24 MONTHS

### GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	PASS
COLOUR	PALE YELLOW - YELLOW	PASS
ODOUR	FRESH, CINEOLIC	PASS
SPECIFIC GRAVITY @ 20°C	0.906 – 0.927	0.9104
REFRACTIVE INDEX @ 20°C	1.458 – 1.470	1.4617
OPTICAL ROTATION (°C)	0.0 TO +10.0	+4.27
REFRACTIVE INDEX @ 20°C	80.0 – 85.0	-

### GC ANALYSIS

COMPONENT	RESULT
ALPHA-PINENE	20.42
BETA-PINENE	1.15
LIMONENE	5.21
1,8-CINEOLE	63.53
ALPHA-TERPINEOL	1.04

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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