

## CERTIFICATE OF ANALYSIS GC ANALYSIS

### PRODUCT DETAILS

**PRODUCT NAME: CEDARWOOD ATLAS, ESSENTIAL OIL ORGANIC**

**LOT NUMBER: 004375**

PRODUCT INCI: CEDRUS ATLANTICA BARK OIL

CAS NUMBER: 8000-27-9 / 92201-55-3

EINECS NUMBER: 295-985-9

MANUFACTURING METHOD: STEAM DISTILLATION

MANUFACTURING DATE: 27/09/2019

BEST BEFORE DATE: 27/09/2022

SHELF LIFE / BEST BEFORE: 24 MONTHS

### GC ANALYSIS

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	PASS
COLOUR	PALE YELLOW - YELLOW	PASS
ODOUR	CHARACTERISTIC, SWEET – WOODY - BALSAMIC	PASS
SPECIFIC GRAVITY @ 20°C	0.920 – 0.960	0.932
REFRACTIVE INDEX @ 20°C	1.500 – 1.530	1.5119
OPTICAL ROTATION (°C)	+25.0 TO +75.0	PASS

### GC ANALYSIS

COMPONENT	RESULT
4-ACETYL-1-METHYLCYCLOHEXENE	0.84
A-HIMACHALENE	15.09
Y-HIMACHALENE	9.711
Y-CURCUMENE	1.871
B-HIMACHALENE	39.756
b-CADINENE	1.563
A-DEHYDROHIMACHALENE	1.492
Y-DEHYDROHIMACHALENE	1.551
CIS-A-ATLANTONE	1.571
TRANS-A-ATLANTONE	2.79

### STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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