

ANALYSIS

Product Name : **LITSEA CUBEBA OIL**
Aceite esencial de Litsea Cubeba

Botanical name : *Litsea Cubeba, Lauraceae*

Batch number : LS112748

Origin : China

Analysis features :

Agilent GC System 7890A - Column : HP INNOWAX polaire : 60 m ´ 0,25 mm ´ 0,5 µm

Temperature program : 8 min to 95 °C – 4 °C/min till 190 °C - 29 min to 190°C

Carrier gas H2 : 30 psis/FID. Injector : split. Sample : 0.1 µl without dilution

The compounds of the essential oils are identified by retention times.

% Are calculated from the peak areas given by the GC / FID without the use of a correction factor.

Physical characteristics:

Density at 20°C	0.884
Refractive index at 20°C	1.485
Optical rotation at a 20°C	7.9

Production date:

January 2022

Best before end:

January 2026

GC Results

COMPONENTS	%	Standar
a-PINENE + a-THUJENE	1.20	
CAMPHENE	0.25	
b-PINENE	1.00	
SABINENE	1.27	
b-MYRCENE + d-3-CARENE	1.65	
LIMONENE	13.40	
1,8-CINEOL + b-PHELLANDRENE	1.00	
Cis-b-OCIMENE	0.04	
g-TERPINENE	0.08	
TERPINOLENE	0.09	
p-CYMENE	0.02	
CITRONELLAL	1.11	
a-COPAENE	0.08	
CAMPHOR	0.01	
LINALOOL	1.48	
PHOTOCITRAL-A	0.48	
ISOPULEGOL	0.01	
PHOTOCITRAL-B	0.11	
b-ELEMENE	0.12	
TERPINENE-4-OL	0.18	
b-CARYOPHYLLENE	1.58	
CITRONELLYL ACETATE	0.02	
NERAL	25.47	
a-TERPINEOL	0.32	
GERANYL FORMATE	0.08	
BORNEOL	0.02	
GERANIAL	43.26	
trans-ISOPIPERITENOL	0.17	
CITRONELLOL + BICYCLOGERMACRENE	0.10	
d-CADINENE	0.03	
NEROL	0.54	
GERANIOL	0.96	
SPATHULLENOL	0.03	
TOTAL	96.16	