

## Certificate of Analysis

Product: May Chang Oil

Botanical Name: *Litsea cubeba* Persoon

Country of Origin: China

### PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Relative Density @ 20° C	0.892	0,8780 / 0,8920
Refractive Index @ 20° C	1.4851	1,4800 / 1,4950
Optical Rotation @ 20° C	8.407	3,0000 / 12,0000°

### GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	1.32	
Camphene	0.33	
Pinene beta	1.01	
Sabinene	1.32	
Myrcene beta	0.64	
Limonene	11.53	8,00 / 15,00%
Eucalyptol	1.23	
Terpinolene	0.07	
6-MTH-5-hepten-2-one(MHO)	0.8	
Citronellal	1.22	0 / 4,00%
Linalol	1.36	
Trans isocitral	1.19	
Cis isocitral	0.73	
Terpinene 1-ol-4	0.21	
Caryophyllene beta	1.12	
Terpineol alpha	0.56	
Geranial & Neral	68.54	62,00 / 80,00%
Geranyl acetate	0.17	
Nerol	0.5	
Geraniol	1.14	
Caryophyllene oxyde	0.17	