Certificate of Analysis

Product: Ylang Ylang 1st Grade Oil – BIO

Botanical Name: *Cananga odorata (Lam.) Hook. f. et Thomson, forma genuina*

Country of Origin: Madagascar

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20˚ C	0.928	0,9250 / 0,9600
Refractive Index @ 20˚ C	1.5037	1,4950 / 1,5100
Optical Rotation @ 20˚ C	-50.974	-58,0000 / -10,0000 °

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
Pinene alpha	0.13	
Eucalyptol	0.15	
Prenyl acetate	0.58	
hexyl acetate	0.05	
Methyl paracresol	4.32	2,00 / 15,00 %
Copaene	1.06	
Linalol	6.93	0 / 23,00 %
Caryophyllene beta	11.79	
Methyl benzoate	2.19	
Humulene alpha	3.21	
Germacrene D	23.23	6,00 / 24,00 %
Benzyl acetate	1.32	
Trans trans alpha farnesene	11.89	2,00 / 17,00 %
Geranyl acetate	2.05	2,00 / 17,00 %
Cadinene gamma	0.52	
Cadinene delta	2.37	
Salicylate benzyl	2.2	
Geraniol	0.55	
Farnesol trans	3.09	
Eugenol	0.34	
Tau cadinol	0.5	
Cinnamyl acetate	1.01	
Cadinol alpha	0.98	

Tau-murolol	0.17	
Farnesyl acetate	2.92	
Benzyl benzoate	7.37	0 / 14,00 %
Geranyl benzoate	0.09	