

Certificate of Analysis

Product: Eucalyptus Citriodora Oil – BIO
Botanical Name: *Corymbia citriodora* (Hook.) K.D.Hill & L.A.S.Johnson
Country of Origin: Brazil

PHYSICAL AND CHEMICAL PROPERTIES

TEST	RESULT	SPECIFICATION
Specific Gravity @ 20° C	0.866	0.860 - 0.882
Refractive Index @ 20° C	1.452	1.445 - 1.460
Optical Rotation @ 20° C	+2°	-1° - 3°

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

CONSTITUENT	RESULT (%)	SPECIFICATION (%)
α pinene	0.22	
isobutyrate d'isobutyle	0.16	
β pinene	0.60	
myrcene	0.14	
limonene	0.17	
1.8-cineole	0.96	
cis β ocimene	0.20	
γ terpinene	0.13	
paramenth-3.8-diene	0.13	
2.6-dimethyl-5-heptenal	0.13	
terpinolene	0.08	
cis rose oxyde	0.08	
citronellal	73.44	65.00 – 82.00
linalol	0.47	
neo isopulegol	3.36	
isopulegol	6.39	<=9.00
β caryophyllene	0.58	
citronellyl acetate	0.40	
α terpineol	0.08	
germacrene d	0.04	
citronellol	6.25	<=8.00
nerol	0.05	

geraniol	0.07	
cis para-menthane-3.8-diol	0.83	
eugenol	0.08	
trans para-menthane-3.8-diol	0.88	
acide citronellique	0.26	