

Certificate of Analysis

Product: HO WOOD OIL
Botanical Name: *Cinnamomum camphora*
Country of Origin: China

PHYSICAL AND CHEMICAL PROPERTIES

TEST	SPECIFICATION	RESULT
SPECIFIC GRAVITY @ 20° C	0.855 to 0.885	0.884
OPTICAL ROTATION @ 20° C	-20° to -5°	-15°
REFRACTIVE INDEX @ 20° C	1.455 to 1.470	1.468

GAS CHROMATOGRAPH ANALYSIS (TYPICAL)

Peak Name	Result area (%)
alpha-thujene	0.06
alpha-pinene	0.28
camphene	0.11
sabinene	0.28
beta-pinene	0.14
myrcene	0.22
alpha-phellandrene	0.04
alpha-teprinene	0.06
p-cymene	0.03
limonene	0.29
1,8-cineole	1.41
cis-beta-ocimene	0.14
trans-beta- ocimene	0.30
gamma-terpinene	0.09
trans-linalool oxide	0.28
cis-linalool oxide	0.45
linalool	83.84
camphor	0.58
terpinen-4-ol	0.18
alpha-terpineol	0.34
citronellol	0.06
geraniol	0.09

safrole	4.68
bicycloelemene	0.04
citronellyl acetate	0.22
eugenol	0.15
alpha-copaene	0.09
bata-elemene	0.06
bata-caryophyllene	0.84
alpha-humulene	0.32
bicyclosesquiphellandre	0.09
delta-cadinene	0.16