

Certification of analysis

1. PRODUCT IDENTIFICATION AND COMPOSITION

1.1 Product Name: Cypress

1.2 Botanical Name: Cupressus sempervirens

TEST SPECIFICATION RESULT

2. PHYSICAL AND CHEMICAL PROPERTIES

2.1 Appearance: Clear, free flowing liquid Conforms

2.2 Odour: Characteristic Conforms

2.3 Specific Gravity: 0.860 to 0.8850 @ 20° C Conforms

2.4 Refractive Index: 1.4680 to 1.4780 @ 20° C Conforms

CONSTITUENT SPECIFICATION RESULT

3. GAS CHROMATOGRAPH ANALYSIS

Sample: Cupressus sempervirens Result(%)

Tricyclene 0.16

Alpha-thujene 0.48

Alpha-pinene 53.46

Camphene 0.34

Sabinene 1.26

Beta-pinene 1.13

Myrcene 2.18

Alpha-phellandrene 0.10

Delta-3-carene 24.11

Alpha-terpinene 0.19

p-cymene 0.29

limonene 3.21

gamma-terpinene 0.80

terpinolene 3.49

linalool 0.36

karahanaenone 0.25

terpinene-4-ol 1.20

alpha-terpineol 0.36

terpinyl formate 0.16

delta-elemene 0.20
alpha-terpinyl acetate 2.25
alpha-cedrene 0.39
beta-caryophyllene 0.39
alpha-humulene 0.12
alpha-murronene 0.12
bicyclosesquiphellandrene 0.41
delta-cadinene 0.24
cedrol 1.13

Note(1)Analytical conditions:GC COLUMNS:Rxi-5SI 1 MS, Length:30.0m, Inside
Diameter:0.25mm,
Thickness:0.25
Mass Spectrometer: Detector Type:Quadropole Ms, Ion Source:EI, Ion Source Temp:200.0C
Oven Temp Program:Rate:5.0Temperature(Degree):50.0-270.0