

Certification of analysis

2. PRODUCT IDENTIFICATION AND COMPOSITION

2.1 Product Name: Basil Sweet CT Chavicol Oil

2.2 Botanical Name: Ocimum Basilicum

TEST SPECIFICATION RESULT

3. PHYSICAL AND CHEMICAL PROPERTIES

3.1 Appearance: Clear, pale yellow to yellow liquid Conforms

3.2 Odour: Characteristic Conforms

3.3 Specific Gravity: 0.920 to 0.970 @ 20° C

3.4 Refractive Index: 1.4950 to 1.5200 @ 20° C C

ONSTITUENT SPECIFICATION RESULT

4. GAS CHROMATOGRAPH ANALYSIS Result(%)

Alpha-pinene 0.04

Sabinene 0.01

Beta-pinene 0.04

6-methyl-5-hepten-2-one 0.14

Myrcene 0.05

3-octanol 0.04

p-cymene 0.06

limonene 0.05

1,8-cineole 0.04

Cis-beta-ocimene 0.02

Trans-beta-ocimene 0.25

n-octanol 0.04

trans-linalool oxide 0.02

cis-linalool oxide 0.04

linalool 17.94

camphor 0.00

menthone 0.03

isomenthone, borneol 0.04

menthol 0.00

alpha-terpineol 0.14

methyl chavicol 74.47
citronellol 0.04
neral 0.43
carvone 0.03
geraniol 0.12
geranial 0.56
eugenol 0.07
beta-elemene 0.04
beta-caryophyllene 0.61
alpha-trans-bergamotene 0.48
cis-beta-farnesene 0.08
trans-beta-farnesene 0.33
alpha-humulene 0.21
germacrene D 0.34
cis-alpha-bisabolene 0.07
beta-bisabolene 0.09
delta-cadinene 0.06
trans-alpha-bisabolene 1.64
tan-cadinol 0.01

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

Yen Le
Quality Assurance Department