

DESCRIPTION:

Inci Name: Melaleuca Alternifolia (Tea Tree) Leaf Oil

Cas №: 85085-48-9, 8022-72-8, 68647-73-4

DETAILS

Lot № 7918

Einecs: 285-377-1

Gas Chromatograph Analysis (%)

Date: 16 Sep 2020

Gas Chromatography Analysis (%)

Name: Melaleuca Alternifolia (Tea Tree)

Analytical Details

Range

Result

Appearance @ 20 °C

Clear colourless to pale yellow,
mobile liquid

Conforms

Odour

Characteristics, earthy, aromatic,
meristic

Conforms

Specific Gravity @ 20 °C

0.885 – 0.906

Conforms

Refractive Index @ 20 °C

1.475 – 1,482

Conforms

Optical Rotation

+5 to +15

Conforms

Analytical Details

Range

Result

Terpinen-4-OL (%)

30 - 48

Conforms

1, 8 Cineole (%)

0 - 15

Conforms

Monoterpenol

Terpinen-4-ol

40.60%

α -terpineol

3.10%

Monoterpene

γ -terpinene

20.00%

α -terpinene

9.90%

Terpinolene

3.50%

Analytical Details

Result

α -pinene

2.30%

p-cymene

1.70%

Sabiene

0.80%

Limonene (d)

0.80%

Sesquiterpene

δ -cadinene

1.20%

Aromadendrene

1.10%

Ledene

0.90%

Oxide

1,8-cineole

2.00%



9143 Ignatievo, Varna Bulgaria
+359 887 33 99 39
Monday to Saturday 9:30 am до 05:30 pm
info@amerov.org
www.amerov.org

.Testing

Analytical Details

Result

Sesquiterpenol

Globulol	0.20%
Viridiflor	0.10%

Date Produced: September 2020

R00403

