

Spezifikation 1001305 DK1_Ph.Eur.

1. Product 1001305

Tea tree oil cineolless

2. Product description

Quality Ph.Eur.
Manufacture steam distillation of the fresh leaves and twig-tips of Melaleuca alternifolia Cheel from conventional cultivation
CAS / EINECS 68647-73-4 /
8022-72-8 /
85085-48-9 / 285-377-1

INCI Melaleuca Alternifolia Leaf Oil

3. Characteristics

Property	Method	Spec. Requirements Min	Max	Unit
Appearance (sensorical)		clear Liquid		
Colour (sensorical)		colourless or pale yellow to greenish-yellow		
Relative density (20/20)	PV-QK-003	0,885	-	0,906
Refractive index (at 20°C)	PV-QK-004	1,475	-	1,482
Optical rotation (at 20°C)	PV-QK-005	5,0	-	15,0 °
Acid Value	PV-QK-008			1,0
Chromatographic Profile	PV-QK-007	corresponds		
Aromadendrene				7,0 A%
Cineole		1,0	-	5,0 A%
para-Cymene		0,50	-	5,00 A%
Limonene		0,50	-	4,00 A%
alpha-Pinene		1,0	-	6,0 A%
Sabinene				3,5 A%
alpha-Terpinene		5,0	-	13,0 A%
gamma-Terpinene		15,0	-	28,0 A%
Terpinene-4-ol		39,0		A%
alpha-Terpineol		1,5	-	8,0 A%
Terpinolene		1,5	-	5,0 A%

4. Other

Shelf Life min. 3 Year(s)
Storage closed containers, protected from light, < 25°C

5. Validity

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