

Specification Sheet - Ceylon Nutmeg Oil



P.T.C
AGRO (PVT) LTD.

GENERAL INFORMATION

Product	: Ceylon Nutmeg Oil
Plant of Origin	: <i>Myristica fragrans</i> . Houlttuyn
Country of Origin	: Sri Lanka (Ceylon)
Part of the Plant	: Dried Kernel
Extraction Method	: Steam Distillation
CAS	: 8008 - 45 - 5
FEMA	: 2793
EINECS	: 282 - 013 - 3
Supplier	: P.T.C Agro (Private) Limited, No.32, Green Lane, Colombo 13, Sri Lanka.
Phone	: +94 114 062 741
Email	: info@ptc.lk

SPECIFICATION (at 30 °C)

Colour	: Colourless to pale yellow
Odour	: Strong, sharp, pungent, nutmeg, woody
Flash Point	: 42.8 °C
Specific Gravity	: 0.8500 to 0.9150
Refractive Index	: 1.4750 to 1.4880
Optical Rotation	: +8° to +30°
Solubility	: 1 volume of oil in 3 volumes of 80% (v/v) ethanol

CHEMICAL PARAMETERS

COMPOUND	RESULT	METHOD
Safrole	1.0 - 3.0 %	ISO - 7609 (E), GC
Elemicine	1.0 - 4.0 %	ISO - 7609 (E), GC
Myristicin	1.0 - 5.0 %	ISO - 7609 (E), GC
α - Terpinene	2.0 - 6.0 %	ISO - 7609 (E), GC
Limonene	2.0 - 6.0 %	ISO - 7609 (E), GC
Terpinene - 4 - Ol	2.0 - 8.0 %	ISO - 7609 (E), GC
β - Pinene	7.0 - 18.0 %	ISO - 7609 (E), GC
α - Pinene	8.0 - 20.0 %	ISO - 7609 (E), GC
Terpinolene	10.5 - 12.0 %	ISO - 7609 (E), GC
Sabinene	35.0 - 55.0 %	ISO - 7609 (E), GC

PACKAGING

Packing Container : 1 - 25kg Aluminium perfume bottle / 200kg HDPE drum / 200kg Coated drum

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