

Product Specification - Ceylon Cinnamon Bark Oil



P.T.C
AGRO (PVT) LTD.

GENERAL INFORMATION

Product	: Ceylon Cinnamon Bark Oil
Plant of Origin	: <i>Cinnamomum zeylanicum</i> . Blume
Country of Origin	: Sri Lanka (Ceylon)
Part of the Plant	: Dried Bark
Extraction Method	: Steam Distillation
CAS	: 8015 - 91 - 6
FEMA	: 2291
FDA	: 182.20
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	: Yellow to amber clear liquid
Odour	: Sweet & spicy
Flash Point	: 87.7 °C
Specific Gravity	: 1.0100 - 1.0300
Refractive Index	: 1.5550 - 1.5800
Optical Rotation	: -2.5° to +2°
Sol. In Ethanol	: One volume of oil in two volumes of 70% (v/v) ethanol

CHEMICAL PARAMETERS

COMPOUND	RESULT	METHOD
Safrole	0.1 - 0.5 %	ISO - 7609 (E), GC
α - Pinene	0.1 - 2.0 %	ISO - 7609 (E), GC
β - Pinene	0.1 - 2.0 %	ISO - 7609 (E), GC
Benzyl Benzoate	1.0 - 2.0 %	ISO - 7609 (E), GC
α - Terpinene	1.0 - 2.0 %	ISO - 7609 (E), GC
Eugenol	3.0 - 5.0 %	ISO - 7609 (E), GC
Linalool	3.0 - 7.0 %	ISO - 7609 (E), GC
β - Caryophyllene	4.0 - 8.5 %	ISO - 7609 (E), GC
Cinnamyl Acetate	4.0 - 10.0 %	ISO - 7609 (E), GC
Cinnamic Aldehyde	50.0 - 75.0 %	ISO - 7609 (E), GC

PACKAGING

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

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