

# Specification Sheet - Ceylon Clove Stem Oil



P.T.C  
AGRO (PVT) LTD.

## GENERAL INFORMATION

**Product** : Ceylon Clove Stem Oil  
**Plant of Origin** : *Eugenia caryophyllata*. Thunberg  
**Country of Origin** : Sri Lanka (Ceylon)  
**Part of the Plant** : Stem  
**Extraction Method** : Steam Distillation  
**CAS** : 8000 - 34 - 8  
**FEMA** : 2328  
**Supplier** : P.T.C Agro (Private) Limited, No.32, Green Lane, Colombo 13, Sri Lanka.  
**Phone** : +94 114 062 741  
**Email** : [info@ptc.lk](mailto:info@ptc.lk)

## SPECIFICATION (at 30°C)

**Colour** : Pale yellow to dark yellow or brownish yellow  
**Odour** : Powerful, diffusive, warm, spicy, smoky and tenacious  
**Flash Point** : 93.3 °C  
**Specific Gravity** : 1.0450 to 1.0530  
**Refractive Index** : 1.5310 to 1.5350  
**Optical Rotation** : -1.5° to 0°  
**Solubility** : 1 volume of oil in 2 volumes of 70% (v/v) ethanol

## CHEMICAL PARAMETERS

COMPOUND	RESULT	METHOD
$\alpha$ - Humulene	0.5 - 1.0 %	ISO - 7609 (E), GC
$\beta$ - Caryophyllene	0.5 - 5.0 %	ISO - 7609 (E), GC
Eugenyl Acetate	1.0 - 5.0 %	ISO - 7609 (E), GC
Camphor	5.0 - 10.0 %	ISO - 7609 (E), GC
Eugenol	80.0 - 95.0 %	ISO - 7609 (E), GC

## PACKAGING

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