



Certificate of Analysis

Date of Certificate: February 4th, 2016

Common Name of Product: Amyris Essential Oil

Synonyms: West Indian Sandalwood Oil

Botanical Name of Product: Amyris balsamifera

Product/Lot#: 1002/02,03,04

CAS #: 8015-65-4

Tariff Code: 3301.29.6000

Country of Origin: Haiti

Part of Plant Used: wood

Extraction/Distillation method: The essential oil is obtained by steam distillation of the wood of Amyris balsamifera

Yield: 2-3%

Appearance: viscous pale yellow liquid

Odor: soft, sweet, slightly resinous bouquet with a woody-balsamic undertone.

Cultivation Method: wild harvest

Use/Application: perfumery (inexpensive substitute for East Indian sandalwood in perfumery and cosmetics), aromatherapy, cosmetics

Specific Gravity/Density and 68F/20C: 0.943 - 0.971

Refractive Index at 68F/20C: 1.5035 to 1.5120

Solubility: 1:3 in 80% ethanol, 1:1 in 90% ethanol

Optical Rotation: +10 to +23

Flash Point: >194F/>90C



Major Constituents: Amyris oil is rich in sesquiterpene alcohols (over 80 %), e.g. valerianol, eudesmol and elemol

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