



Certificate of Analysis

PRODUCT INFORMATION

Date of Certificate: March 3rd, 2017

Common Name of Product: Lovage Root Absolute

Synonyms: N/A

Botanical Name of Product: Levisticum officinale

Product/Lot#: 1562/02

CAS #: 8016-31-7

Tariff Code: N/A

Country of Origin: France

Part of Plant Used: Roots

Extraction/Distillation method: solvent extract of the roots to produce the concrete with further purification in ethanol, chilling and filtering to remove the non-alcohol soluble waxes, and vacuum distillation to remove the ethanol to produce the concentrated absolute

ANALYSIS SPECIFICATIONS

Yield: N/A

Appearance: viscous amber colored liquid

Odor: rich, complex, earthy, spicy, aromatic bouquet with a sweet balsamic-woody undertone of excellent tenacity

Cultivation Method: conventional

Use/Application: In natural perfumery can be used in chypres, herbaceous bouquets, green accord, precious woods notes, incense bouquets, floral blends, Oriental bouquets, spice accords

Specific Gravity/Density and 77F/25C: n/a



Refractive Index at 68F/20C: 1.5200-1.5400

Solubility: soluble in ethanol and carrier oils

Optical Rotation: N/A

Flash Point: 100C/212F

Major Constituents: N/A

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