



Certificate of Analysis

PRODUCT INFORMATION

Date of Certificate: March 12th, 2016

Common Name of Product: Calendula absolute

Synonyms:

Botanical Name of Product: Calendula officinalis

Product/Lot#: 1480/02

CAS #: 70892-20-5

Tariff Code:

Country of Origin: Egypt

Part of Plant Used: flowers

Extraction/Distillation method: extraction of the flowers with hexane to produce the concrete. Further purification in ethanol, followed by chilling, and filtering to remove the alcohol insoluble waxes, resins, etc and finally vacuum distillation to produce the concentrated absolute

ANALYSIS SPECIFICATIONS

Yield: n/a

Appearance: dark orangish-red viscous liquid

Odor: rich, dry, herbal, spicy bouquet

Cultivation Method: conventional

Use/Application: in natural perfumery used in herbal bouquets, high class florals, chypre, colognes, fougere

Specific Gravity/Density and 68F/20C: N/A



Refractive Index at 68F/20C: N/A

Solubility: soluble in ethanol and carrier oils

Optical Rotation: n/a

Flash Point: 100C/212 F

Major Constituents: n/a

The Certificate of Analysis is a quality control document. It indicates that this product falls within acceptable parameters established for the product. This information, obtained from current and reliable sources and from an examination of the product, is believed to be up-to-date and accurate, but is provided without any warranty, expressed or implied. It is the responsibility of the customer to examine the product and to determine, in advance, the safe and appropriate conditions for its use, in compliance with all applicable laws and regulations.