



**Rhatany Root Total CO2 Extract**  
INCI: Krameria Lappacea (Rhatany) Root Extract (and)  
Olea Europaea (Olive) Fruit Oil  
Product ID: CO2RHATANYTODE52

### Specifications

#### **Analytical Details**

**Appearance:**

**Residual Content of Ethanol:**

**Specific Extinction Value:**

**Specific Extinction Value:**

**Specific Extinction Value:**

**Specific Extinction Value:**

**Rhatany Lignan I:**

**Rhatany Lignan II:**

**Rhatany Lignan III:**

**Rhatany Lignan IV:**

**Rhatany Lignan V:**

**Sum of Rhatany Lignans:**

#### **Methods**

Visual

21.025.05, GCFID

Spectrometer: 280 nm

Spectrometer: 300 nm

Spectrometer: 320 nm

Spectrometer: 340 nm

21.146.02, GC

21.146.02, GC

21.146.02, GC

21.146.02, GC

21.146.02, GC

21.146.02, GC

#### **Specifications**

Orange Brown Viscous Liquid

≤ 2.0%

> 20 cm<sup>2</sup>/mg

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

Not Specified

20 - 30%

**Shelf Life:**

5 Years

**Storage:**

Store in a cool, dry place.

**Rhatany Lignan 1:** (2R,2R)-2,3-dihydro-2-(4-hydroxyphenyl)-3-methyl-5-(E)-propenylbenzofuran

**Rhatany Lignan 2:** 2-(4-hydroxyphenyl)-3-methyl-5-(E)-propenylbenzofuran

**Rhatany Lignan 3:** 2-(2,4-dihydroxyphenyl)-5-(E)-propenylbenzofuran

**Rhatany Lignan 4:** 2-(2-methoxy-4-hydroxyphenyl)-5-(E)-propenylbenzofuran

**Rhatany Lignan 5:** 3-formyl-2-(4-hydroxyphenyl)-5-(E)-propenylbenzofuran

**Date:** 11/15/2019

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

**NATURAL SOURCING®**

Natural Sourcing, LLC • 341 Christian Street, Oxford, CT 06478

Phone: (203) 702-2500 • Toll Free: (800) 340-0080 • Fax: (203) 702-2501 • [info@naturalsourcing.com](mailto:info@naturalsourcing.com)  
[www.naturalsourcing.com](http://www.naturalsourcing.com)