

# Nature's Gift®

Balancing Body, Mind and Spirit  
with Pure Essential Oils Since 1995

316 Old Hickory Blvd East, Madison, TN 37115  
Tel (615)612-4270 fax (615)860-9171  
sold@naturesgift.com

www.naturesgift.com

## Certificate of Analysis

### Sweet Marjoram CO<sub>2</sub>

Batch # GE-59001

lab no: 27047  
production: April 2019 retest: April 2024  
raw material: *Origanum majorana* - Leaves, dried  
country of origin of raw material: Germany  
country of origin of product: Germany  
D/E - ratio: 50 - 58 kg raw material yield 1 kg product.

#### Sensory Check

| feature     | reference                   | result |
|-------------|-----------------------------|--------|
| Appearance: | yellow to pale brown liquid | meets  |
| Odour:      | characteristic              | meets  |

#### Analytical Check

| feature                                | method                               | limits        | value unit               |
|--|--------------------------------------|---------------|--------------------------|
| Content of essential oil               | 21.006.01, Distillation, gravimetric | 60 - 80       | 79,3 % (g/ 100g)         |
| Composition of the volatile compounds: | GCMS, 100 % Method                   |               |                          |
| Sabinene                               | GCMS, 21.139.02                      | < 10          | 3,7 %                    |
| Sabinene Hydrate cis + trans           | GCMS, 21.139.02                      | 30 - 60       | 31,9 %                   |
| Terpinene-4-ol                         | GCMS, 21.139.02                      | < 25          | 13,3 %                   |
| Sabinene Hydrate Acetate cis + trans   | GCMS, 21.139.02                      | 10 - 30       | 21,7 %                   |
| Refractive index (20°C)                | 21.080.03, Abbe-Refractometer        | 1,464 - 1,474 | 1,4694                   |
| Density (20°C)                         | 21.024.03, Pycnometer                | 0,900 - 0,930 | 0,9174 g/cm <sup>3</sup> |
| Monitoring of substances*:             |                                      |               |                          |
| Methyl chavicol (Estragole)            | GCMS                                 | n.s.          | < 0,01 %                 |
| Camphor                                | GCMS                                 | n.s.          | < 0,01 %                 |

n.s. = not specified n.d. = not detected

\*Substances to be monitored according to "Arrêté du Juin 2014" laying down the list of plants, authorized in food supplements

Storage conditions: Store in a cool, dry place!

The product meets specifications no. 16.152.07/66.116.07; date of analysis: 2019.04.29

This computerized CoA has digital signature validated by Nature's Gift.

Digitally signed by Anja Cawelius Reason: Quality Control  
ate: 2019.04.29 16:44:39 +02'00'

The data in this report of analysis have been determined carefully and to the best of our knowledge. Depending on transport and storage conditions the indicated data can be subject to certain changes which are outside of our influence. Hence the report has not the meaning of a guaranty in the legal sense and does not dispense the customer from making his own quality control before using the product.