

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**

# Allspice Berries CO2 (organic) Batch #GE-59122

production: February 2020 retest: February 2025

raw material: Pimenta officinalis - Berries, dried, from organic farming

country of origin of raw material: Guatemala country of origin of product: Germany

D/E - ratio: 17 - 25 kg raw material yield 1 kg product.

#### **Sensory Check**

| feature     | reference                       | result |
|-------------|---------------------------------|--------|
| Appearance: | Dark brown liquid               | meets  |
| Odour:      | balmy-spicy and peppery flavour | meets  |

### **Analytical Check**

| feature                              | method                   | limits  | value un    | it       |
|--------------------------------------|--------------------------|---------|-------------|----------|
| Content of essential oil             | 21.006.01, Distillation, | 25 - 35 | 28,2 % (    | g/ 100g) |
|                                      | gravimetric              |         |             |          |
| Volatile components, quantitative in |                          |         |             |          |
| extract:                             |                          |         |             |          |
| beta Myrcene                         | 21.161.01, GC            | n.s.    | 1,2 %       |          |
| Cymene                               | 21.161.01, GC            | n.s.    | 0,02 %      |          |
| Limonene                             | 21.161.01, GC            | n.s.    | 0,04 %      |          |
| 1,8 Cineol                           | 21.161.01, GC            | n.s.    | 0,12 %      |          |
| Ocimene                              | 21.161.01, GC            | n.s.    | 0,08 %      |          |
| Linalool                             | 21.161.01, GC            | n.s.    | 0,08 %      |          |
| Eugenol                              | 21.161.01, GC            | 20 - 40 | 23,7 %      |          |
| Methyleugenol                        | 21.161.01, GC            | n.s.    | 0,35 %      |          |
| beta Caryophyllene                   | 21.161.01, GC            | n.s.    | 1,7 %       |          |
| Humulene                             | 21.161.01, GC            | n.s.    | 0,19 %      |          |
| Refractive index (20°C)              | 21.080.03,               | n.s.    | 1,4906      |          |
|                                      | Abbe-Refractometer       |         |             |          |
| Density (20°C)                       | 21.024.03, Pycnometer    | n.s.    | 0,9524 g/ci | m³       |
| Monitoring of substances, not listed |                          |         |             |          |
| above*:                              |                          |         |             |          |
| Estragole (= Methyl chavicol)        | GCMS                     | n.s.    | < 0,01 %    |          |

n.s. = not specified

n.d. = not detected



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Digitally signed by Robin Dennemark Reason: quality control Date: 2020.02.19 08:18:15 +01'00'

The product meets specifications no. 133.005\_03\_AS and 66.289.01; date of analysis: 2020.02.19 This computerized CoA has digital signature validated by Nature's Gift Aromatherapy.

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.