

Nature's Gift®

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

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Certificate of Analysis

Sweet Marjoram CO2

Batch # GE-59208

production: February 2020 retest: February 2025
raw material: *Origanum majorana* - Leaves, dried
country of origin of raw material: Germany
country of origin of product: Germany
D/E - ratio: 40 - 83 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	73,0 % (g/ 100g)
Composition of the volatile compounds:	GCMS, 100 % Method		
Sabinene	GCMS, 21.139.03	< 10	3,7 %
Sabinene Hydrate cis + trans	GCMS, 21.139.03	30 - 60	34,9 (27,6 + % 7,3)
Terpinene-4-ol	GCMS, 21.139.03	< 25	13,1 %
Sabinene Hydrate Acetate cis + trans	GCMS, 21.139.03	10 - 30	17,9 (17,5 + % 0,41)
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,464 - 1,474	1,4685
Density (20°C)	21.024.03, Pycnometer	0,900 - 0,930	0,9193 g/cm ³
Monitoring of substances*:			
Estragole (= Methyl chavicol)	GCMS	n.s.	< 0,01 %
Camphor	GCMS	n.s.	< 0,01 %

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

Digitally signed by Anja Cawelius
Reason: Quality Control
Date: 2020.05.07 07:29:38 +02'00'

The product meets specifications no. 004.001_08_AS and 66.116.07; date of analysis:2020.02.03
This computerized CoA has digital signature validated by Nature's Gift.

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.