



Certificate of Analysis

Marjoram CO2-se extract, type no. 004.001

Batch #GE-58874

production: March 2018 retest: March 2023
raw material: *Origanum majorana* - Leaves, dried
country of origin of raw material: Germany
country of origin of product: Germany
lab no. 24577
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	65,1 % (g/100g)
Composition of the volatile compounds:	GCMS, 100 % Method		
Sabinene	GCMS, 21.139.02	< 10	3,3 %
Sabinene Hydrate cis + trans	GCMS, 21.139.02	30 - 60	37,0 %
Terpinene-4-ol	GCMS, 21.139.02	< 25	10,9 %
Sabinene Hydrate Acetate cis + trans	GCMS, 21.139.02	10 - 30	28,0 %
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,464 - 1,474	1,4718
Density (20°C)	21.024.03, Pycnometer	0,900 - 0,930	0,9234 g/cm ³
Monitoring of substances*:			
Methyl chavicol (Estragole)	GCMS	n.s.	n.d. (<0,01) %
Camphor	GCMS	n.s.	n.d. (<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!



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Digitally signed by Anja Cawellius
Reason: Quality Control
Date: 03.27.2018. 16:40:21 +0200

The product meets specifications no. 16.152.07/66.116.07; date of analysis: 03.27.2018.

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.