

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

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Certificate of Analysis

German Chamomile CO2-to (organic) Batch #DE-59296

production: November 2019 retest: November 2024

raw material: Chamomilla recutita - Flowers, dried, from organic farming

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

D/E - ratio: 20 - 33 kg raw material yield 1 kg product.

Sensory Check

feature	reference	result
Appearance:	Green-brown colour, liquid at 40°C	meets
Odour:	fine chamomile-like smell	meets

Analytical Check

feature	method	limits	value	unit
Content of essential oil	21.006.01, Distillation,	7 - 17	12,1	% (g/ 100g)
	gravimetric			
Relative composition of the essential oil:	GC, 100 % method			
beta Farnesene	21.093.03, GC	n.s.	25,0	%
alpha Farnesene	21.093.03, GC	n.s.	1,6	%
Spathulenol	21.093.03, GC	n.s.	1,5	%
Bisabolol oxides A + B	21.093.03, GC	5 - 20	14,7 (9,1+5,6)	%
Bisabolone oxide	21.093.03, GC	n.s.	0,34	%
alpha Bisabolol	21.093.03, GC	20 - 45	25,4	%
Chamazulene	21.093.03, GC	n.s.	12,4	%
cis-En-Yn Dicycloether	21.093.03, GC	n.s.	6,3	%
trans-En-Yn Dicycloether	21.093.03, GC	n.s.	0,26	%
alpha Bisabolol in extract	21.219.01, HPLC	n.s.	2,4	%
Content of Matricine / Chamazulene	21.023.02, Spectrometry	0,5 - 2,5	1,5	
(analysed as Chamazulene) in extract				
Content of Anthecotulid in extract	21.153.01, HPLC	< 0,05	meets	%

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

Furthermore the extract contains a small amount of Apigenine and Apigenine-7-glycoside (< 0,1 %)

The product meets specifications no. 019.002_07_AS and 66.145.07; date of analysis: 2019.11.25

Digitally signed by Anja Cawelius Reason: Quality Control Date: 2019.11.25 11:23:50 +01'00'

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.