



Certificate of Analysis

German Chamomile Flower CO₂-select extract type no. 019.005

Batch #GE-58860

production: October 2018 retest: October 2023
raw material: *Chamomilla recutita* - Flowers and flowering shoots, dried
country of origin of raw material: Germany, France, Austria
country of origin of product: Germany
D/E - ratio: 50 - 66 kg raw material yield 1 kg product.
lab no. 25845

Sensory Check

feature	reference	result
Appearance:	green to brown colour, liquid product	meets
Odour:	characteristic	meets

Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Steam distillation	20 - 40	25,0 % (g/100g)
Relative composition of the essential oil:	GC, 100 % method		
beta Farnesene	21.093.03, GC	n.s.	23,2 %
alpha Farnesene	21.093.03, GC	n.s.	0,34 %
Spathulenol	21.093.03, GC	n.s.	0,27 %
Bisabolol oxides A + B	21.093.03, GC	n.s.	11,6 (6,7 + % 4,9)
Bisabolone oxide	21.093.03, GC	n.s.	0,67 %
alpha Bisabolol	21.093.03, GC	n.s.	26,3 %
Chamazulene	21.093.03, GC	n.s.	5,9 %
cis-En-Yn Dicycloether	21.093.03, GC	n.s.	7,3 %
trans-En-Yn Dicycloether	21.093.03, GC	n.s.	0,51 %
alpha Bisabolol in extract	21.219.01, HPLC	> 6,0	6,8 %
Content of Matricine / Chamazulene (analysed as Chamazulene) in extract	21.023.02, Spectrometry	1,0 - 3,0	1,1 %
Content of Anthecotulid in extract	21.153.01, HPLC	< 0,05	meets %

Pesticides

EC No. 396/2005

Monitoring*

n.s. = not specified

n.d. = not detected

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



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Analytical Check

feature	method	limits	value unit
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*Compliance with the maximum residue levels of pesticides (EC no. 396/2005) is ensured by suitable monitoring.

Storage conditions: Store in a cool, dry place!

Digitally signed by Anja Cawelius
Reason: Quality Control
Date: 10.18.2018. 11:28:14 +02'00'

The product meets specifications no. 16.250.06/66.173.06; date of analysis: 10.18.2018

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.