

# Nature's Gift<sup>®</sup>

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

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### German Chamomile CO2 Total

#### Batch #GE-59090

production: March 2018                      retest: March 2023  
raw material:                                      *Chamomilla recutita* - Flowers, dried, from organic farming  
country of origin of rawmaterial: France  
country of origin of product:                Germany  
D/E - ratio:                                        19 - 26 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, Steam distillation	7 - 17	11,9 % (g/ 100g)
Relative composition of the essential oil:	GC, 100 % method		
beta Farnesene	21.093.03, GC	n.s.	26,0 %
alpha Farnesene	21.093.03, GC	n.s.	0,16 %
Spathulenol	21.093.03, GC	n.s.	1,6 %
Bisabolol oxides A + B	21.093.03, GC	5 - 20	11,6(5,7+5,9) %
Bisabolone oxide	21.093.03, GC	n.s.	1,9 %
alpha Bisabolol	21.093.03, GC	20 - 45	24,0 %
Chamazulene	21.093.03, GC	n.s.	14,9 %
cis-En-Yn Dicycloether	21.093.03, GC	n.s.	4,2 %
trans-En-Yn Dicycloether	21.093.03, GC	n.s.	0,24 %
alpha Bisabolol in extract	21.219.01, HPLC	n.s.	2,5 %
Content of Matricine / Chamazulene (analysed as Chamazulene) in extract	21.023.02, Spectrometry	0,5 - 2,5	1,6 %
Content of Anthecotulid in extract	21.153.01, HPLC	< 0,05	0,03 %
Content of water	21.220.01, Karl Fischer method	n.s.	0,59 %

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

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#### Analytical Check

feature	method	limits	value unit
Pesticides	external analysis	EC 396/2005	meets
		n.s. = not specified	n.d. = not detected

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

Storage conditions: Store in a cool, dry place!

Digitally signed by Anja Cawelius  
Reason: Quality Control  
Date: 2018.04.11 14:24:43 +02'00'

The product meets specifications no. 16.179.06/66.145.06; date of analysis: 2018.04.11  
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.