



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

www.naturesgift.com

Certificate of Analysis: Chamomile CO₂, *Chamomilla recutita*, dried flowers from organic farming in France, CO₂ extracted in Germany.

Batch No: GE-551210

Type No: 019.002; DE-ÖKO-013

Lab No: 19183

Date of Analysis: 2015.08.05

D/E - ratio: 19 - 26 kg raw material yield 1 kg product.

Production: July 2015

Retest: July 2020

Sensory Check

Feature	Reference	Result
Appearance:	Green-brown color, liquid at 40°C	meets
Odor:	fine chamomile-like smell	meets

Analytical Check

Feature	Method	Limits	Value	Unit
Content of essential oil	21.006.01, Steam distillation	7 - 17	13,8	% (g/100g)
Relative composition of the essential oil:	GC, 100 % method			
beta Farnesene	21.093.03, GC	n.s.	32,5	%
alpha Farnesene	21.093.03, GC	n.s.	0,32	%
Spathulenol	21.093.03, GC	n.s.	0,77	%
Bisabolol oxides A + B	21.093.03, GC	5 - 20	5,2 (3,6 + 1,6)	%
Bisabolone oxide	21.093.03, GC	n.s.	n.d.	%
alpha Bisabolol	21.093.03, GC	20 - 45	36,0	%
Chamazulene	21.093.03, GC	n.s.	10,6	%
cis-En-Yn Dicycloether	21.093.03, GC	n.s.	4,4	%
trans-En-Yn Dicycloether	21.093.03, GC	n.s.	0,35	%
Content of Matricine / Chamazulene (analysed as Chamazulene)	21.023.01, Spectrometry	1,0 - 3,0	1,75	%
Content of Anthecotulid	21.153.01, HPLC	< 0,05	0,01	%

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

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

Storage conditions: Store in a cool, dry place!

316 Old Hickory Blvd East, Madison TN 37115
tel (615) 612-4270 fax (615) 860-9171
orderdesk@naturesgift.com