



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

www.naturesgift.com

316 Old Hickory Blvd East  
Madison, TN 37115  
Tel(615)612-4270 fax (615)860-9171

orderdesk@naturesgift.com

## Certificate of Analysis

### Frankincense Carteri CO2

Batch #SO-171208

type no. 038.002

lab no. 22855

production: May 2017

retest: May 2022

raw material:

*Boswellia carteri* - Resin

country of origin of raw material: Somalia

country of origin of product: Germany

D/E - ratio: 10 - 12 kg raw material yield 1 kg product.

### Sensory Check

feature	reference	result
Appearance:	pale yellow, clear oil	meets

### Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Distillation, gravimetric	70 - 85	82,5 % (g/ 100g)
Composition of the volatile compounds:	GC/FID, 100 % Method		
alpha Thujene	GC, olibanum.met	< 10	0,65 %
alpha Pinene	GC, olibanum.met	25 - 50	25,6 %
Sabinene	GC, olibanum.met	n.s.	4,0 %
beta Myrcene	GC, olibanum.met	n.s.	3,4 %
o-Cymene	GC, olibanum.met	n.s.	2,3 %
Limonene	GC, olibanum.met	n.s.	8,0 %
Caryophyllene, epi	GC, olibanum.met	n.s.	6,2 %
Serratol / Incensol	GC, olibanum.met	n.s.	10,3 %
Incensole acetate	GC, olibanum.met	n.s.	n.d. %
Octyl acetate	GC, olibanum.met	n.s.	n.d. %
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,4750 - 1,4930	1,4875
Density (20°C)	21.024.03, Pycnometer	0,870 - 0,930	0,9016 g/cm <sup>3</sup>
Pesticides	21.200.02, GCMS, internal pesticides screening	EC 396/2005	meets*

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

\*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!



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The product meets specifications no. 16.124.10/66.025.08; date of analysis: 2017.05.29

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.