

## Certificate of Analysis

### Frankincense Serrata CO2-se extract, type no. 038.001

batch no. 031507, lab no. 16088

production: February 2014

retest: February 2019

raw material: *Boswellia serrata* - Resin  
country of origin of raw material: India  
country of origin of product: Germany  
D/E - ratio: 14 - 20 kg raw material yield 1 kg product.

### Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Distillation, gravimetric	70 - 90	85,2 % (g/ 100g)
Composition of the volatile compounds in extract:			
alpha Thujene	GC, olibanum.met	40 - 60	47,1 %
alpha Pinene	GC, olibanum.met	3 - 15	3,5 %
Octyl acetate	GC, olibanum.met	n.s.	n.d. %
Incensol/ Incensol acetate	GC, olibanum.met	n.s.	11,9 %
Refractive index (20°C)	Abbe-Refractometer	1,470 - 1,490	1,4761
Density (20°C)	21.024.02, Pycnometer	0,880 - 0,920	0,880 g/cm <sup>3</sup>

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

The product meets specification no. 16.125.10; date of analysis: 2014.02.05

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.