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Certificate of Analysis: Frankincense Serrata CO₂, *Boswellia serrata*, resin from India, extracted in Germany.

Batch No: IN-751222,

Lab No: 19547

Type No: 038.001, DE-ÖKO-013

Production: October 2015, Retest October 2020

D/E Ratio: 14 – 20 kg raw material yield 1 kg product.

Sensory Check

feature	reference	result
Appearance:	Light-yellow to orange, liquid, clear oil	meets

Analytical Check

feature	method	limits	value/unit
Content of essential oil	21.006.01, Distillation, gravimetric	70 - 90	86,3 % (g/ 100g)
Composition of the volatile compounds:	GCFID, 100 % Method		
alpha Thujene	GC, olibanum.met	40 - 60	49,8 %
alpha Pinene	GC, olibanum.met	3 - 15	5,5 %
Sabinene	GC, olibanum.met	n.s.	3,6 %
delta 3-Carene	GC, olibanum.met	n.s.	3,4 %
p-Cymene	GC, olibanum.met	n.s.	1,1 %
Limonene	GC, olibanum.met	n.s.	2,9 %
Octyl acetate	GC, olibanum.met	n.s.	n.d. %
Methyl chavicol (Estragole)	GC, olibanum.met	n.s.	1,9 %
beta Bourbonene	GC, olibanum.met	n.s.	1,8 %
Serratol / Incensol	GC, olibanum.met	n.s.	15,3 (Incensol n.d.) %
Incensole acetate	GC, olibanum.met	n.s.	1,2 %
GC fingerprint	GC, olibanum.met	meets	meets
Refractive index (20°C)	Abbe-Refractometer	1,470 - 1,490	1,4751
Density (20°C) 21.024.02,	Pycnometer	0,880 - 0,920	0,8785 g/cm ³
Monitoring of substances*:			
Beta Boswellia acid	HPLC	n.s.	0,42 %

*according to "Arrêté du Juin 2014" establishing the list of plant, authorized in food supplements

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