



Certificate of Analysis

Star Anise CO₂-se extract, type no. 055.001

Batch #GE-58880

production: November 2017 retest: November 2022
 raw material: *Illicium verum* - Fruits, dried
 country of origin of raw material: Vietnam
 country of origin of product: Germany
 lab no. 23857
 D/E - ratio: 9,5 - 10,5 kg raw material yield 1 kg product.

Sensory Check

feature	reference	result
Appearance:	Yellow clear oil	meets
Odour:	typical anethole odour	meets

Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Distillation, gravimetric	86 - 96	95,7 % (g/100g)
Composition of the volatile compounds:	GCMS, 100 % Method		
alpha Pinene	GCMS, staranis.met	n.s.	0,37 %
Limonene	GCMS, staranis.met	n.s.	2,3 %
Linalool	GCMS, staranis.met	n.s.	0,15 %
Isoanethole (Methylchavicol)	GCMS, staranis.met	n.s.	0,39 %
Anisaldehyde	GCMS, staranis.met	< 2	0,73 %
trans Anethole	GCMS, staranis.met	75 - 95	90,9 %
cis Anethole	GCMS, staranis.met	n.s.	0,07 %
Foeniculine	GCMS, staranis.met	n.s.	0,91 %
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,550 - 1,558	1,5525
Density (20°C)	21.024.03, Pycnometer	0,973 - 0,983	0,9790 g/cm ³
Monitoring of substances, not listed above*:			
Safrole	GCMS	n.s.	n.d.(< 0,01) %
Myristicine	GCMS	n.d.	n.d. (< 0,01) %

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

*Substances to be monitored according to "Arrêté du Juin 2014" laying down the list of plants, authorized in food supplements

Storage conditions: Store in a cool, dry place!



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Digitally signed by Anja Cawelius
Reason: Quality Control
Date: 11.14.2017, 16:32:17 +01'00'

The product meets specifications no. 16.186.02/66.131.05; date of analysis: 11.14.2017.

This computerized CoA has digital signature validated by Nature's Gift Aromatherapy.

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.