

Nature's Gift[®]

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

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

www.naturesgift.com

Certificate of Analysis

Nutmeg CO2

Batch #GE-59092

production: March 2020 retest: March 2025
raw material: *Myristica fragrans* - Nuts, dried
country of origin of raw material: Indonesia
country of origin of product: Germany
D/E - ratio: 7,7 - 12,5 kg raw material yield 1 kg product.

Sensory Check

feature	reference	result
Appearance:	Yellow to orange-red, clear liquid	meets
Odour:	characteristic	meets

Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Distillation, gravimetric	70 - 80	78,6 % (g/ 100g)
Composition of the volatile compounds:	GCMS, 100 % Method		
alpha Pinene	GCMS, 21.227.01	n.s.	11,0 %
Sabinene	GCMS, 21.227.01	n.s.	27,7 %
beta Pinene	GCMS, 21.227.01	n.s.	8,8 %
Myrcene	GCMS, 21.227.01	n.s.	1,9 %
delta 3-Carene	GCMS, 21.227.01	n.s.	0,52 %
Linalool	GCMS, 21.227.01	n.s.	0,23 %
Limonene	GCMS, 21.227.01	n.s.	3,2 %
HPLC, quantitative analysis:			
Eugenol	21.040.02, HPLC	< 1	0,45 %
Elemicine	21.040.02, HPLC	< 5	2,8 %
Methyl Eugenol	21.040.02, HPLC	n.s.	3,1 %
Myristicine	21.040.02, HPLC	5 - 20	16,6 %
Safrole	21.040.02, HPLC	1 - 3	1,6 %
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,4850 - 1,4960	1,4894
Density (20°C)	21.024.03, Pycnometer	0,910 - 0,960	0,9299 g/cm ³

n.s. = not specified

n.d. = not detected

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feature	method	limits	value	unit
Aflatoxine B1	21.193.02, HPLC	EC No. 1881/2006	meets (0,88)	ppb
Total Aflatoxines B1,B2,G1,G2	21.193.02, HPLC	EC No. 1881/2006	meets (0,92)	ppb
Ochratoxin A	21.197.01, HPLC	EC No. 1881/2006	meets (0,16)	ppb

n.s. = not specified

n.d. = not detected

Digitally signed by Anja Cawelius
Reason: Quality Control
Date: 2020.03.18 09:06:02 +01'00'

The product meets specifications no. 001.002_11_AS and 66.056.12; date of analysis: 2020.03.18

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

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.