



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

www.naturesgift.com

**Certificate of Analysis:** Mango Ginger CO<sub>2</sub>, *Curcuma amada*, grown in India, CO<sub>2</sub> extracted in Germany.

Batch No: GE-131119

Lab No: 20145

Type No: 184.001

Raw material: *Curcuma amada* dried roots grown in India

Country of origin of product: Germany

D/E - ratio: 18–25 kg raw material which yields 1 kg product

Production: June 2015

Retest: June 2018

Storage: Store in a cool, dry place and exclusion of light.

Sensory Check

Feature	Reference	Result
Appearance	Brown paste extract	meets
Odor	mango-like	meets

Analytical Check

Feature	Method	Limits	Value/Unit
Sum of volatile compounds	GCMS, quantitative	n.s.	18,5 %
Volatile Compounds in extract:			
alpha Pinene	GCMS, quantitative	n.s.	0,17 %
Camphene	GCMS, quantitative	n.s.	0,04 %
beta Pinene	GCMS, quantitative	n.s.	0,68 %
beta Myrcene	GCMS, quantitative	n.s.	1,5 %
Limonene	GCMS, quantitative	n.s.	0,03 %
Ocimene	GCMS, quantitative	n.s.	0,02 %
beta Caryophyllene	GCMS, quantitative	n.s.	0,13 %
fingerprint	HPLC	Standard	meets
(E)-Labda-8(17),12-diene-15,16 dial (LDD)	21.204.01, HPLC	> 5,0	6,9 %
Content of water	Karl Fischer method	< 5,0	2,7 %

n.s. = not specified

n.d. = not detected

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.

The product meets specifications no. 16.538.02/66.420.02; date of analysis: 2016.02.03

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