



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

www.naturesgift.com

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

Certificate of Analysis

Raspberry Seeds CO2 (organic)

Batch #GE 571316

production: September 2017 retest: September 2019
raw material: *Rubus idaeus* - Seeds, dried (from organic farming)
country of origin of raw material: Chile
country of origin of product: Germany
D/E - ratio: 8,3 - 12,5 kg raw material yield 1 kg product.

Product contains: 0,1 % Rosemary Antioxidant Extract (organic)

Analytical Check

feature	method	limits	value unit
Fatty acid composition:			
Palmitic Acid C16:0	21.156.03, GCFID	n.s.	2,2 %
Palmitoleic Acid C16:1 w7	21.156.03, GCFID	n.s.	0,20 %
Stearic Acid C18:0	21.156.03, GCFID	n.s.	0,89 %
Oleic Acid C18:1 w9	21.156.03, GCFID	n.s.	12,7 %
Vaccenic Acid C18:1 w7	21.156.03, GCFID	n.s.	0,62 %
Linoleic Acid C18:2 w6	21.156.03, GCFID	48 - 63	59,0 %
alpha Linolenic acid C18:3 w3	21.156.03, GCFID	23 - 30	24,1 %
Arachidic Acid C20:0	21.156.03, GCFID	n.s.	0,39 %
Fat numbers:			
Peroxide Value	21.015.03, DGF, Wheeler	< 10	2,6 meq O2/kg
Acid value	21.016.03, DGF	< 20	8,0 mg KOH/g
Sum of Tocopherols (calc. as alpha Tocopherol)	21.113.03, HPLC	n.s.	0,28 %
Sum of Tocotrienols	21.113.03, HPLC	n.s.	0,03 %
Refractive index (20°C)	21.080.03, Abbe-Refractometer	1,470 - 1,495	1,4809
Density (20°C)	21.024.03, Pycnometer	0,915 - 0,940	0,9255 g/cm ³
Benzo(a)pyrene	GCMS	< 0,002	meets ppm
Sum of benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene and chrysene	GCMS	< 0,010	meets ppm
aw-value	LabSwift aw-value Measurement	n.s.	0,737/ 25,0 °C

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

Storage conditions: Store in a cool, dry place and under inert gas!



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The product meets specifications no. 16.563.01/66.525.01; date of analysis: 2017.09.22

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.