



Healing Body, Mind, and Spirit  
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### Certificate of Analysis

**Rhatany Root CO<sub>2</sub>**  
*Krameria lappacea*

Batch # GE-171211

**Lab No:** 22857  
**Type No :** 159.005  
**Raw Material:** *Krameria lappacea* – Roots, dried  
**Country of Origin, raw material:** Peru  
**Country of origin of product:** Germany  
**Product contains:** about 40% Olive oil (organic)  
**Production:** May 2017  
**Retest:** May 2022  
**Storage:** Store in a cool, dry place and exclusion of light

#### Sensory Check

Feature	Reference	Result
Appearance:	Orange-brown, viscous liquid	meets

#### Analytical Check

Feature	Method	Limits	Value	Unit
Specific extinction value	Spectrometer: 280 nm	> 20	26,8	cm <sup>2</sup> /mg
Specific extinction value	Spektrometer: 300 nm	n.s.	24,2	cm <sup>2</sup> /mg
Specific extinction value	Spektrometer: 320 nm	n.s.	23,1	cm <sup>2</sup> /mg
Specific extinction value	Spektrometer: 340 nm	n.s.	11,1	cm <sup>2</sup> /mg
Rhatany lignan I	21.146.02, GC	n.s.	9,7	%
Rhatany lignan II	21.146.02, GC	n.s.	12,1	%
Rhatany lignan III	21.146.02, GC	n.s.	1,0	%
Rhatany lignan IV	21.146.02, GC	n.s.	2,3	%
Rhatany lignan V	21.146.02, GC	n.s.	0,35	%
Sum of Rhatany lignans	21.146.02, GC	20 - 30	25,6	%
Residual content of ethanol	21.025.03, GCFID	< = 2	0,82	%

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



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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 guarantee 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. 16.500.01/66.477.01; date of analysis: 2017.05.29