



## Certificate of Analysis

### Orris Root CO2

3 % Irones

Batch #SE-871104

lab no. 22743  
production: May 2017 retest: May 2022  
raw material: *Iris germanica* - Roots, dried  
country of origin of raw material: Serbia  
country of origin of product: Germany  
D/E - ratio: 100 -159 kg raw material yield 1 kg product.  
  
Product contains: about 55 % MCT oil

### Sensory Check

feature	reference	result
Appearance:	yellow to brown, at 40°C liquid oil	meets
Odour:	sweet balsamic, weak woody, violet-like smell	meets

### Analytical Check

feature	method	limits	value unit
Content of essential oil	21.006.01, Distillation, gravimetric	n.s.	13,5 % (g/ 100g)
trans-alpha Irone	21.128.01, HPLC	n.s.	0,13 %
cis-alpha Irone	21.128.01, HPLC	n.s.	1,2 %
beta Irone	21.128.01, HPLC	n.s.	0,00056 %
gamma Irone	21.128.01, HPLC	n.s.	1,7 %
Sum of Irones	21.128.01, HPLC	2,9 - 3,1	3,0 %

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

Storage conditions: Store in a cool, dry place!

The product meets specifications no. 16.154.02/66.150.04; date of analysis: 2017.05.04

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