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Certificate of Analysis: Myrrh Select CO₂, *Commiphora myrrha*, resin from Somalia, CO₂ extracted in Germany.

Batch No: GE-761214

Lab No: 21514

Type No: 037.001

Raw material: *Commiphora myrrha* resin, Somalia

Country of origin of product: Germany

D/E - ratio: 8,4–10,0 kg raw material which yields 1 kg product

Storage: Store in a cool, dry place.

Sensory Check

Feature	Reference	Result
Appearance	Yellow-brown, clear-light turbid viscous liquid	meets
Odor	Balsamic smell	meets

Analytical Check

Feature	Method	Limits	Value/Unit
Content of essential oil	21.006.01, Distillation, gravimetric	70 - 90	85,2 % (g/ 100g)
Composition of the volatile compounds:	GCMS, 100 % Method		
Curzerene	GCMS, myrrh.met	> 10	12,3 %
Curzerenone	GCMS, myrrh.met	n.s.	n.d. %
Isolindestrene	GCMS, myrrh.met	> 20	45,6 %
Lindestrene	GCMS, myrrh.met	n.s.	13,2 %
Refractive index (20°C)	Abbe-Refractometer	1,517 - 1,537	1,5310
Density (20°C)	21.024.02, Pycnometer	1,025 - 1,075	1,0378 g/cm ³
DC-fingerprint:	Ph. Eur.	Standard	meets
Content of water	Karl Fischer Titr.	n.s.	0,48 %

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. 16.137.07/66.013.09; date of analysis: 2016.09.28

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