

# Certificate of Analysis Terpenes

Description: Ramhemp Natural 500mg  
Sample material: oil

Client: Hempstar s.r.o.  
Proben ID: 48600010

Further Information: Batch number: PN001422  
Probeneingang 2020-10-16 at 12:09

Class 1 Terpenes	
beta-Myrcene	0,066
alpha-Pinene	0,240
beta-Pinene	*
(+)-Limonene	0,045
Citronellol	*
Linalool	*
(+)-Cedrol	*
beta-Caryophyllene	0,955

Class 2 Terpenes	
Caryophyllene	*
alpha-Humulene	0,350
Eucalyptol	0,047
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	*
(-)-Guaiol	*
(-)-alpha-Bisabolol	*

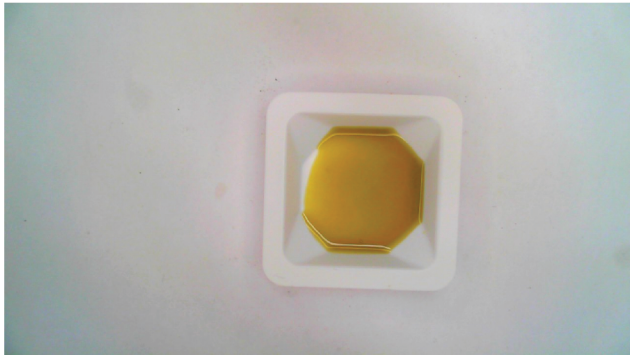
Class 3 Terpenes	
cis-Nerolidol	0,046
trans-Nerolidol	*
alpha-Cedrene	0,063
Fenchol	*
L-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

Class 4 Terpenes	
Isoborneol	0,072
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	*
(-)-Camphor	*
para-Cymene	0,097
delta-3-Carene	*
(-)-Isopulegol	*

**Total Terpenes** >> 1,981

\*) ND = Not Detected. The measured value was below the detection limit of 0,010 mg/g respectively 10 ppm.  
Units: mg/g. The determined measurement uncertainty (M.U.) of the method is 20 %.

Picture of sample upon arrival:



Head of Laboratory Services:



Ing. Christian Fuczik, Chemiker  
Analysis finalized and reviewed: 2020-10-22  
at 10:38

Footnotes:  
Method of Analysis: HS GC-FID (Headspace - Gaschromatography-Flameionisationsdetector). All measurement methods were calibrated and controlled with certified reference materials (CRM).  
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