IFHA
Institut für Hanfanalytik

Ing. Christian Fuczik
Chemisches Laboratorium
Darwingasse 2/46, 1020 Wien
E-Mail: info@hanfanalytik.at
Tel.: +43 660 867 00 63
www.hanfanalytik.at

Certificate of Analysis Terpenes

Reference:	Orange Bud	Client:	SAS MONPLANCBD
Sample date:	11/01/2022	Sample ID:	A2600150
Bloomday:	——————	Sample material:	herbal
Description:	hempflower		
Further information:	greenhouse		

Class 1 Terpenes

beta-Myrcene	0,300
alpha-Pinene	0,024
beta-Pinene	0,030
(+)-Limonene	0,160
Citronellol	*
Linalool	0,088
(+)-Cedrol	0,216
beta-Caryophyllene	0,436

Class 2 Terpenes

Caryophyllene Oxide	0,033
alpha-Humulene	0,135
Eucalyptol	0,025
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	*
(-)-Guaiol	0,161
(-)-alpha-Bisabolol	0,127

Class 3 Terpenes

cis-Nerolidol	*
trans-Nerolidol	0,031
alpha-Cedrene	*
Fenchol	0,039
l-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,010

Class 4 Terpenes

Isoborneol	*
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	*
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	*

Terpenes total

>> 1,822

*) ND = not detectable. The measured value was below the limit of detection of 0.010 mg/g or 10 ppm.
Unit: mg/g. The validated measurement uncertainty of the method is 20 %.

Picture of the received sample on 13/01/2022
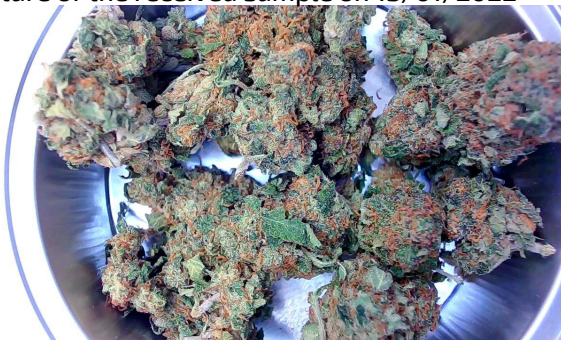
Head of Laboratory Services

Ing. Christian Fuczik, Chemist
Analysis reviewed - last changes:18/01/2022 at 10:24

Footnote:
Method of analysis: HS GC-FID (headspace - gas chromatography-flame ionisation detector). All measurement methods were calibrated and controlled with certified reference materials (CRM).
This Certificate of Analysis may only be reproduced as a whole and not in parts. Any alteration is punishable under § 223 StGB (Austrian Penal Code) (forgery of documents).