

# Certificate of Analysis Terpenes

Reference: \_\_\_\_\_  
Sample date: 29/09/2021  
Bloomday: 90  
Description: Eletta Campana  
Further information: Buzau 2021 Claudiu

Client:   
Sample ID: 48900100  
Sample material: herbal

Class 1 Terpenes	
beta-Myrcene	>> 6,725
alpha-Pinene	>> 3,992
beta-Pinene	>> 1,370
(+)-Limonene	0,452
Citronellol	*
Linalool	0,237
(+)-Cedrol	0,036
beta-Caryophyllene	>> 1,599

Class 2 Terpenes	
Caryophyllene Oxide	0,021
alpha-Humulene	0,624
Eucalyptol	0,056
Terpinolene	>> 4,392
cis-Ocimene	0,027
trans-Ocimene	>> 1,279
(-)-Guaiol	*
(-)-alpha-Bisabolol	*

Class 3 Terpenes	
cis-Nerolidol	0,185
trans-Nerolidol	0,041
alpha-Cedrene	*
Fenchol	0,042
L(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

Class 4 Terpenes	
Isoborneol	0,074
alpha-Terpinene	0,155
gamma-Terpinene	0,093
Camphene	0,059
(-)-Camphor	*
para-Cymene	0,012
delta-3-Carene	0,124
(-)-Isopulegol	*


**Terpenes total** >> 21,595

\*) 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 11/10/2021



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis finalized and reviewed: 13/10/2021 at  
11:29

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).

# Certificate of Analysis Terpenes

Reference: -----  
Sample date: 29/09/2021  
Bloomday: 86  
Description: Eletta Campana  
Further information: -----

Client:   
Sample ID: 48900101  
Sample material: herbal

Class 1 Terpenes	
beta-Myrcene	>> 6,372
alpha-Pinene	>> 2,706
beta-Pinene	>> 1,066
(+)-Limonene	0,703
Citronellol	0,017
Linalool	0,428
(+)-Cedrol	0,020
beta-Caryophyllene	>> 1,690

Class 2 Terpenes	
Caryophyllene Oxide	0,022
alpha-Humulene	0,421
Eucalyptol	*
Terpinolene	0,014
cis-Ocimene	*
trans-Ocimene	0,053
(-)-Guaial	*
(-)-alpha-Bisabolol	0,103

Class 3 Terpenes	
cis-Nerolidol	0,075
trans-Nerolidol	0,035
alpha-Cedrene	0,158
Fenchol	0,106
l-(-)-Fenchone	0,018
(+)-Pulegone	*
Geraniol	*
Geranylacetate	*

Class 4 Terpenes	
Isoborneol	0,015
alpha-Terpinene	*
gamma-Terpinene	*
Camphene	0,051
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	0,014
(-)-Isopulegol	*

**Terpenes total** >> 14,095

\*) 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 11/10/2021



Head of Laboratory Services



Ing. Christian Fuczik, Chemist  
Analysis finalized and reviewed: 13/10/2021 at  
11:29

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).