

Certificate of Analysis Terpenes

Description I: Ice Cream Cake Client: Global Trust Agriculture SA
Sample date: ----- Sample ID: E5800141
Bloomday: ----- Sample material: herbal
Description II: Biomass: Santhica 70
Further information: Seed Batch: F1445-A047002; Batch Ref: IC/I

Class 1 Terpenes	
beta-Myrcene	0,648
alpha-Pinene	0,463
beta-Pinene	0,152
(+)-Limonene	0,078
Citronellol	*
Linalool	0,166
(+)-Cedrol	0,205
beta-Caryophyllene	0,296

Class 2 Terpenes	
Caryophyllene Oxide	0,022
alpha-Humulene	0,089
Eucalyptol	*
Terpinolene	*
cis-Ocimene	*
trans-Ocimene	0,011
(-)-Guaiol	0,283
(-)-alpha-Bisabolol	0,135

Class 3 Terpenes	
cis-Nerolidol	0,054
trans-Nerolidol	0,027
alpha-Cedrene	*
Fenchol	0,040
l-(-)-Fenchone	*
(+)-Pulegone	*
Geraniol	*
Geranylacetate	0,012

Class 4 Terpenes	
Isoborneol	*
alpha-Terpinene	0,015
gamma-Terpinene	*
Camphene	0,012
(-)-Camphor	*
para-Cymene	*
delta-3-Carene	*
(-)-Isopulegol	*

Terpenes total >> 2,734 mg/g

Sample received: 04/08/2023 - 4,224 g



Head of Laboratory Services



Ing. Christian Fuczik, Chemist

Analysis reviewed - last changes: 11/08/2023 at 10:10

Footnote:

*) 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 %.

Method of analysis: HS GC-FID (headspace - gas chromatography-flame ionisation detector). All measurement methods were calibrated and controlled with certified reference materials (CRM).

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