

# Certificate of Analysis Terpenes

Reference: Harlequin  
Sample date: 11/12/2021  
Bloomday: -----  
Description: hempflower  
Further information: outdoor

Client: SAS MONPLANCBD  
Sample ID: A2600144  
Sample material: herbal

## Class 1 Terpenes

|                    |          |
|--------------------|----------|
| beta-Myrcene       | >> 5,425 |
| alpha-Pinene       | >> 1,466 |
| beta-Pinene        | 0,679    |
| (+)-Limonene       | 0,474    |
| Citronellol        | 0,015    |
| Linalool           | 0,289    |
| (+)-Cedrol         | 0,336    |
| beta-Caryophyllene | >> 1,222 |

## Class 2 Terpenes

|                     |       |
|---------------------|-------|
| Caryophyllene Oxide | 0,046 |
| alpha-Humulene      | 0,344 |
| Eucalyptol          | 0,033 |
| Terpinolene         | 0,014 |
| cis-Ocimene         | *     |
| trans-Ocimene       | 0,039 |
| (-)-Guaiol          | 0,257 |
| (-)-alpha-Bisabolol | 0,352 |

## Class 3 Terpenes

|                 |       |
|-----------------|-------|
| cis-Nerolidol   | 0,136 |
| trans-Nerolidol | 0,032 |
| alpha-Cedrene   | *     |
| Fenchol         | 0,215 |
| l-(-)-Fenchone  | 0,027 |
| (+)-Pulegone    | *     |
| Geraniol        | *     |
| Geranylacetate  | 0,032 |

## Class 4 Terpenes

|                 |       |
|-----------------|-------|
| Isoborneol      | 0,017 |
| alpha-Terpinene | 0,010 |
| gamma-Terpinene | 0,012 |
| Camphene        | 0,037 |
| (-)-Camphor     | *     |
| para-Cymene     | *     |
| delta-3-Carene  | 0,014 |
| (-)-Isopulegol  | 0,010 |

**Terpenes total** >> 11,533

\*) 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).

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