



Address: VSCHT Praha, Technická 1905/5, 166 28 Prague 6, Czech Republic (tel.: +420 602833424; +420 220443184; http://uapv.vscht.cz/mzl)

## Test certificate ML: 10/21

print no.: ENG\_16/21

Client: Nordic Med Can AB

 Eriksgatan 4  
 521 35 Falköping  
 Sweden

 Sample received: 4.1.2021  
 Order no.: 2020-12-23  
 Sample description (client's): Tiborszallasi

 Testing item: hemp product  
 packaging: paper bag  
 quantity: 7 g

Date of testing: 04.01.2021 - 18.01.2021

Location of testing: facilities of the MZL UTC, Technická 1903/3, 166 28 Prague 6 - Dejvice

Testing methods used: KM 14i: GC-HRMS

### TEST RESULTS:

#### TERPENES

| Analyte          | Result* | Expanded uncertainty | Unit  | Testing method | Notice |
|------------------|---------|----------------------|-------|----------------|--------|
| α-pinene         | 4640    | 371                  | mg/kg | KM 14i         |        |
| camphen          | 53      | 7                    | mg/kg | KM 14i         |        |
| sabinene         | 7       | 1                    | mg/kg | KM 14i         |        |
| β-pinene         | 1590    | 127                  | mg/kg | KM 14i         |        |
| myrcene          | 2110    | 169                  | mg/kg | KM 14i         |        |
| α-phellandrene   | 103     | 13                   | mg/kg | KM 14i         |        |
| 3-carene         | 61      | 8                    | mg/kg | KM 14i         |        |
| α-terpinene      | 59      | 8                    | mg/kg | KM 14i         |        |
| p-cymene         | 9       | 2                    | mg/kg | KM 14i         |        |
| limonene         | 884     | 106                  | mg/kg | KM 14i         |        |
| eucalyptol       | 13      | 2                    | mg/kg | KM 14i         |        |
| β-ocimene        | 941     | 113                  | mg/kg | KM 14i         |        |
| γ-terpinene      | 39      | 7                    | mg/kg | KM 14i         |        |
| sabinene hydrate | 57      | 7                    | mg/kg | KM 14i         |        |
| α-terpinolene    | 2190    | 175                  | mg/kg | KM 14i         |        |
| fenchone         | <5      | -                    | mg/kg | KM 14i         |        |
| linalool         | <25     | -                    | mg/kg | KM 14i         |        |
| fenchol          | 64      | 8                    | mg/kg | KM 14i         |        |
| isopulegol       | <25     | -                    | mg/kg | KM 14i         |        |
| camphor          | <5      | -                    | mg/kg | KM 14i         |        |
| isoborneol       | <5      | -                    | mg/kg | KM 14i         |        |
| borneol          | 45      | 8                    | mg/kg | KM 14i         |        |
| menthol          | <25     | -                    | mg/kg | KM 14i         |        |
| α-terpineol      | 66      | 9                    | mg/kg | KM 14i         |        |
| pulegone         | <5      | -                    | mg/kg | KM 14i         |        |
| α-cedrene        | <5      | -                    | mg/kg | KM 14i         |        |
| β-caryophyllene  | 912     | 109                  | mg/kg | KM 14i         |        |
| α-humulene       | 385     | 50                   | mg/kg | KM 14i         |        |
| trans-nerolidol  | <250    | -                    | mg/kg | KM 14i         |        |

| Analyte             | Result* | Expanded uncertainty | Unit  | Testing method | Notice |
|---------------------|---------|----------------------|-------|----------------|--------|
| caryophyllene oxide | <50     | -                    | mg/kg | KM 14i         |        |
| guaiol              | <250    | -                    | mg/kg | KM 14i         |        |
| $\alpha$ -bisabolol | 60      | 8                    | mg/kg | KM 14i         |        |
| phytol              | <250    | -                    | mg/kg | KM 14i         |        |

\* the sign "<" indicate that concentration is lower than this value, i.e. below limit of quantitation (LOQ)

Specification used for the assessment of test results:

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Expanded uncertainty was calculated using coverage factor  $k = 2$  corresponding to a coverage probability of approximately 95%. Uncertainty was calculated and stated according to the EA-4/16 and manual Kvalimetrie 11 (issued by EURACHEM CZ). Uncertainty of sampling is not covered. Compliance is evaluated with respect to the uncertainty of test result according to the Guide ILAC-G8. The results given herein apply only to the sample as received. This certificate shall not be reproduced except in full, without written approval of the Laboratory. The certificate does not substitute any other legal document. Laboratory is not responsible for information supplied by customer, if such information can affect the validity of results.

Appendix:

Date of issue: 18.1.2021

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Prof. Dr. Jana Hajšlová, head of the laboratory

*The end of Certificate*