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Test certificate ML: 140/22

print no.: ENG_75/22

Client: Nordic Med Can AB

 Eriksgatan 4
 521 35 Falköping
 Sweden

Sample received: 24.1.2022

Order no.: 2022-01-18

Sample description (client's): Tiborszallasi indoor

 Testing item: plant material
 packaging: polyethylene bag (PE)
 quantity: 6 g

Date of testing: 24.01.2022 - 07.02.2022

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	486	63	mg/kg	KM 14i	
camphen	13	2	mg/kg	KM 14i	
sabinene	<5	-	mg/kg	KM 14i	
β-pinene	95	12	mg/kg	KM 14i	
myrcene	470	61	mg/kg	KM 14i	
α-phellandrene	<25	-	mg/kg	KM 14i	
3-carene	<25	-	mg/kg	KM 14i	
α-terpinene	<25	-	mg/kg	KM 14i	
p-cymene	28	5	mg/kg	KM 14i	
limonene	229	30	mg/kg	KM 14i	
eucalyptol	<5	-	mg/kg	KM 14i	
β-ocimene	<25	-	mg/kg	KM 14i	
γ-terpinene	<5	-	mg/kg	KM 14i	
sabinene hydrate	<5	-	mg/kg	KM 14i	
α-terpinolene	<5	-	mg/kg	KM 14i	
fenchone	<5	-	mg/kg	KM 14i	
linalool	157	20	mg/kg	KM 14i	
fenchol	112	15	mg/kg	KM 14i	
isopulegol	<25	-	mg/kg	KM 14i	
camphor	<5	-	mg/kg	KM 14i	
isoborneol	<5	-	mg/kg	KM 14i	
borneol	51	7	mg/kg	KM 14i	
menthol	<25	-	mg/kg	KM 14i	
terpineol (sum of isomers)	99	13	mg/kg	KM 14i	
pulegone	<5	-	mg/kg	KM 14i	
α-cedrene	<5	-	mg/kg	KM 14i	
β-caryophyllene	944	113	mg/kg	KM 14i	
α-humulene	315	41	mg/kg	KM 14i	
trans-nerolidol	<250	-	mg/kg	KM 14i	

Analyte	Result*	Expanded uncertainty	Unit	Testing method	Notice
caryophyllene oxide	69	9	mg/kg	KM 14i	
guaiol	721	87	mg/kg	KM 14i	
α -bisabolol	243	32	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:

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: 7.2.2022

Prof. Dr. Jana Hajšlová, head of the laboratory

The end of Certificate