

## Product Name

### 1. IDENTIFICATION OF THE PRODUCT

#### 1.1. Product Identifier

Sample Name: Toke – Creative Energy  
Batch No.: PIRC\_2021\_3\_v02

#### 1.2. Client Identification

Company: FutuLabs s.r.o.  
Address: Francouzská 284/94, 110 00 Prague, Czech Republic  
Reg. No.: 09919732  
E-mail address: [futu-labs@futu-labs.com](mailto:futu-labs@futu-labs.com)

### 2. COMPOSITION

#### 2.1. Analytical Instrumentation

GC-MS (volatile components)

Gas chromatograph: Agilent 7890B

Mass spectrometer: Agilent 7010 Triple Quad

Column: HP-5ms, 30 m x 250 µm x 0.25 µm

LC-MS, LC-DAD: (CBD, THC, non-volatile components)

Liquid chromatograph: Waters Acquity H-Class

Mass spectrometer: Waters Synapt G1

Column: Acquity BEH C18, 50 × 2.1 mm, particle size 1.8 µm

*The collected data was compared to data collected for certified reference materials at known concentrations and/or library data.*

#### 2.2. Composition - General Results

<b>Volatile fraction</b>	<b>5.9 %</b>
<b>Non-volatile residue</b>	<b>94.1 %</b>
- Glycerol tricaprylate	78.9 %
- CBD, cannabidiol	6.2 %
- CBG, cannabigerol	5.0 %
- CBDV, cannabigerol	0.19%
- CBC, cannabichromene	0.12%
- Δ <sup>9</sup> -THC, ((-)- <i>trans</i> -Δ <sup>9</sup> -tetrahydrocannabinol)	Not Detected

## Composition of the Volatile Fraction

Volatile constituent	%
( <i>R</i> )-Limonene	1,46
Linalool	0,47
Menthone	2,31
Menthol	0,36

Carvone	0,27
<i>trans</i> -Anethole	0,03
Methyl chavicol	0,02
Other volatile constituents	0,98

## 3. TRACE CONTAMINANTS

## 3.1. Heavy Metal Analysis

ICP-MS, AAS (Hg).

As	Arsenic	< 0.1 ppm
Cd	Cadmium	< 0.1 ppm
Hg	Mercury	< 0.01 ppm
Pb	Lead	< 0.1 ppm

## 3.2. Pesticide Analysis

LC-MS-MS. Method for sample preparation: based on EN 15662.

Parameter	CAS	Results [ppb]
Abamectin	71751-41-2	< LOD
Acequinocyl	57960-19-7	< LOD
Bifenazate	149877-41-8	< LOD
Bifenthrin	82657-04-03	< LOD
Chlormequat chloride	999-81-5	< LOD
Cyfluthrin	68359-37-5	< LOD
Daminozide	1596-84-5	< LOD
Etoxazole	153233-91-1	< LOD
Fenoxycarb	72490-01-8	< LOD
Imazalil	35554-44-0	< LOD
Imidacloprid	138261-41-3	< LOD
Myclobutanil	88671-89-0	< LOD
Paclobutrazol	76738-62-0	< LOD
Pyrethrin	8003-34-7	< LOD
Spinosad	168316-95-8	< LOD
Spiromesifen	283594-90-1	< LOD
Spirotetramat	203313-25-1	< LOD
Trifloxystrobin	141517-21-7	< LOD

**Other Contaminants**

GC-MS, HPLC-UV, other methods and their combinations.

Benzo(a)pyrene	< LOD
Total PAHs	< LOD
PCBs	< LOD
Dioxins	< LOD

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