

1. Sample:

Batch	21000016-1
Origin	6190-2019
Extraction agent	Ethanol potabile 94% w/w
Inert Ingredients	MCT Oil
Production date	05.06.2021

2. Sensory:

Properties	Method	Specification	Result
Characteristics	Visual control ²	Green to brownish, viscous liquid with characteristic spicy smell.	Complies

3. Identity:

Properties	Method	Specification	Result
Identity	Ph. Eur. 2.2.29 ³	Comparative batch	Complies

4. Parameter:

Properties	Method	Specification	Result
CBD	Ph. Eur. 2.2.29 ⁴	NS ¹	8.8%
CBDA	Ph. Eur. 2.2.29 ⁴	NS ¹	<0.05%
CBD-total	Calculated ⁵	ca. 7.5%	8.8%
∆9-THC	Ph. Eur. 2.2.29 ⁴	NS ¹	0.87%
∆9-THCA	Ph. Eur. 2.2.29 ⁴	NS ¹	<0.05%
∆9-THC-total	Calculated ⁵	0.9%+-10%	0.87%
CBN	Ph. Eur. 2.2.29 ⁴	NS ¹	<0.05%

Properties	Method	Specification	Result
Microbiology			
TAMC	Ph. Eur. 2.6.12 ⁶	<1000 cfu/g	<10 cfu

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TYMC	Ph. Eur. 2.6.12 ^b	<100 cfu/g	<10 cfu
Salmonella	Ph. Eur. 2.6.13 ^b	Absent in 25g/25ml	Complies
E. coli	Ph. Eur. 2.6.31 ^b	Absent in 1g/1ml	Complies
Pesticides	Ph. Eur. 2.8.13-1, USP 561 ⁱ	EG 396/2005	Complies
Elemental			
Lead	Ph. Eur. 2.4.27 ^b	≤3.0 ppm	Complies
Mercury	Ph. Eur. 2.4.27 ^b	<0.1 ppm	Complies
Arsenic	Ph. Eur. 2.4.27 ^b	≤1.0 ppm	Complies
Cadmium	Ph. Eur. 2.4.27 ^b	≤0.5 ppm	Complies
Toxins			
Aflatoxin B1	Ph. Eur. 2.8.18 ^g	<2 µg/kg	Complies
Sum. B1, B2, G1, G2	Calculated ^g	<4 µg/kg	Complies
Ochratoxin A	Ph. Eur. 2.8.22 ¹⁰	<20 µg/kg	Complies
Ethanol	Ph. Eur. 2.9.10 ¹¹	≤1.0 v/v	0.02% v/v

Notes:

Following parameter were determined prior extraction: Pesticides, Arsenic, Lead, Cadmium, Mercury, Aflatoxins, Ochratoxin A

- ¹ NS= not specified
- ² Documented "Bulk CoA, Batch 2100321"
- ³ Documented " Bulk CoA, Batch 2100321"
- ⁴ Bulk CoA, Batch 2100321
- ⁵ All cannabinoids in their acid forms (ending in "-A") are convertible to their non-acid forms via a decarboxylation process (heating). The components lose mass through this process. To find the total theoretical active cannabinoids, one multiplies the acid forms by 87.7%. For example, THC-A can be converted to active THC using the formula: $\text{THC-A} \times 0.877 = \text{THC}$. In this case, the THC-total for the sample is: $\text{THC-total} = (\text{THC-A} \times 0.877) + \text{THC}$. This method has been validated according to the principles of the International Conference on Harmonisation.
- ⁶ Bulk CoA, Batch 2100321
- ⁷ Interlabor CoA: 1911-00563
- ⁸ Interlabor CoA: 1911-00563
- ⁹ Interlabor CoA: 1911-00563
- ¹⁰ Interlabor CoA: 1911-00563
- ¹¹ Bulk CoA, Batch 2100321

I hereby declare that the details mentioned above are true:



Ünal Bussaglia
 Qualified Person

30. Juni 2021

