

RELEASE CERTIFICATE
Certificate of Analysis - Certificate of Compliance
(according to § 6 (3) ApBetrO)

Product: Mac 1
Batch no.: CMVA01G2510000
Expiry date: 04.2026
Bulk batch no.: CMVA01BUL10000
Strength: Dronabinol (THC): 24.1 % Cannabidiol (CBD): < 0.1 %
Dosage Form: Dried Flowers
Package size: 250 grams
Target country: Germany

Pharm. entrepreneur:
 Cantourage GmbH
 Feurigstraße 54
 10827 Berlin
 Germany
 GMP Certificate No.: DE_ST_01_GMP_2025_0030

Testing method: Ph. Eur. Monograph "Cannabis Flower" (current edition) /
 Ph. Eur. Monograph <1433> "Herbal Drugs" (current edition)

No. of Analysis: PA 457/2025; PA 548/2025

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	Method	Specification	Result
Identity¹⁾			
<i>appearance</i>	Ph. Eur. Cannabis Flower (Identity A)	Comply with monograph	Complies
<i>microscopy</i>	Ph. Eur. Cannabis Flower (Identity B)	Comply with monograph	Complies
<i>HPTLC</i>	Ph. Eur. Cannabis Flower (Identity C), Ph. Eur. 2.8.25	Comply with monograph	Complies
Purity			
Foreign material ¹⁾	Ph. Eur. Cannabis Flower / Ph. Eur. 2.8.2	Max. 2 % (m/m); No seeds; No leaves > 1.0 cm	Complies
Loss on Drying ¹⁾	Ph. Eur. Cannabis Flower / Ph. Eur. 2.2.32	Max. 12.0 %	8.0 %
Pesticides ¹⁾	Ph. Eur. 2.8.13	Comply with Ph. Eur. 2.8.13	Complies
Absence of heavy metals ³⁾	Ph. Eur. Cannabis Flower / Ph. Eur. 2.4.27		
<i>Lead</i>		Max. 0.5 ppm	< 0.1 ppm
<i>Mercury</i>		Max. 0.1 ppm	< 0.05 ppm
<i>Cadmium</i>		Max. 0.3 ppm	< 0.05 ppm
<i>Arsenic</i>		Max. 0.2 ppm	< 0.1 ppm
Aflatoxin B1 ¹⁾	Ph. Eur. 2.8.18	≤ 2 ppb	< 0.5 ppb
Total Ash ¹⁾	Ph. Eur. 2.4.16	≤ 20 %	10.5 %

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	Method	Specification	Result
Microbiological purity ²⁾	Ph. Eur. 2.6.31	Comply with Ph. Eur. 5.1.8 C	
Total aerobic microbial count (TAMC)		Max. 500.000 cfu/gram	< 10.000 cfu/gram
Total yeast and molds count (TYMC)		Max. 50.000 cfu/gram	< 1.000 cfu/gram
Bile-tolerant Gram negative bacteria		≤ 10 ⁴ cfu/gram	< 100 cfu/gram
<i>E. coli</i>		Absent in 1 g	Absent in 1 g
<i>Salmonella</i>		Absent in 25 g	Absent in 25 g
Related substance ¹⁾ Cannabinol (CBN)	Ph. Eur. Cannabis Flower / Ph. Eur. 2.2.29	≤ 1.0 %	< 0.1 %
Assay ¹⁾			
Dronabinol (THC)	Ph. Eur. Cannabis Flower / Ph. Eur. 2.2.29	90.0 – 110.0 % of label claim	24.1 %
Cannabidiol (CBD)		≤ 1 %	< 0.1 %

Testing sites: ¹⁾ Quality Services International GmbH
 Flughafendamm 9a
 D-28199 Bremen

²⁾ BAV-Institut für Hygiene und Qualitätssicherung GmbH
 Hanns-Martin-Schleyer-Str. 25
 D-77656 Offenburg

³⁾ Indikator GmbH
 Wilhelm-Muthmann-Str. 15
 D-42329 Wuppertal

Storage: Tightly closed, protected from light, below 25 °C.

I hereby certify that all the manufacturing stages of this batch of drug product have been carried out in full compliance with the GMP requirements of the EU and with the specifications as stated in this document.	
Lutherstadt Wittenberg, 25.08.2025	