

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

Product: Mamedica GEL
Batch no.: CMVA05B10230512
Expiry date: 10.2023
 Bulk batch no.: CMVA05R23001B010
 Strength: Dronabinol (THC): 26.8 % Cannabidiol (CBD): < 0.1 %
 Dosage Form: Dried Flowers
 Package size: 10 grams
 Target country: United Kingdom
 Pharm. entrepreneur:
 Cantourage GmbH
 Feurigstraße 54
 10827 Berlin
 Germany
 GMP Certificate No.: DE_ST_01_GMP_2022_0051

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

No. of Analysis: PA 137/2023; PA 150/2023; PA 162/2023

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	Method	Specification	Result
Characteristics ¹⁾	DAB Cannabis flos (Characteristics)	Characteristic smell	Complies
Identity ¹⁾			
<i>appearance</i>	DAB Cannabis flos (Identity A)	Comply with monograph	Complies
<i>microscopy</i>	DAB Cannabis flos (Identity B)	Comply with monograph	Complies
<i>thin layer chromatography</i>	DAB Cannabis flos (Identity C), Ph.Eur. 2.2.27	Comply with monograph	Complies
Purity			
Foreign material ¹⁾	DAB Cannabis flos / Ph.Eur. 2.8.2	Max. 2 % (m/m)	Complies
Loss on Drying ¹⁾	DAB Cannabis flos / Ph.Eur. 2.2.32	Max. 10 %	8.3 %
Pesticides ¹⁾	Ph.Eur. 2.8.13	Comply with Ph.Eur. 2.8.13	Complies
Absence of heavy metals ³⁾	Ph.Eur. 2.4.27		
<i>Lead</i>		Max. 5.0 ppm	< 0.1 ppm
<i>Mercury</i>		Max. 0.1 ppm	< 0.05 ppm
<i>Cadmium</i>		Max. 1.0 ppm	< 0.05 ppm
Aflatoxin B1 ¹⁾	Ph.Eur. 2.8.18	≤ 2 ppb	< 0.5 ppb
Total Ash ¹⁾	Ph.Eur. 2.4.16	≤ 20 %	9.7 %

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	Method	Specification	Result
Microbiological purity ²⁾	Ph.Eur. 2.6.31	Comply with Ph.Eur. 5.1.8 B	
Total aerobic microbial count (TAMC)		Max. 50.000 cfu/gram	< 1.000 cfu/gram
Total yeast and molds count (TYMC)		Max. 500 cfu/gram	< 10 cfu/gram
Bile-tolerant Gram negative bacteria		≤ 10 ² cfu/gram	< 10 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)	DAB Cannabis flos / Ph.Eur. 2.2.29	≤ 1.0 %	< 0.1 %
Assay ¹⁾			
Dronabinol (THC)	DAB Cannabis flos / Ph.Eur. 2.2.29	90.0 – 110.0 % of label claim	26.8 %
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, 25.05.2023



Constanze Pelzer

Qualified Person/Sachkundige Person nach § 14 AMG