

RELEASE CERTIFICATE

Certificate of Analysis - Certificate of Compliance

(according to § 6 (3) ApBetrO)

Product: All Nations GM-104
Batch no.: CFNC01A250240209A
Expiry date: 07.2024
Bulk batch no.: CFNC01R23001K1B1
Strength: Dronabinol (THC): 28.3 % 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_2023_0048

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

No. of Analysis: PA 584/2023; PA 033/2024; PA 042/2024 - PA 044/2024

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	Method	Specification	Result
Characteristics ¹⁾	DAB Cannabis flos (Characteristics)	Characteristic smell	Complies
Identity ¹⁾			
appearance	DAB Cannabis flos (Identity A)	Comply with monograph	Complies
microscopy	DAB Cannabis flos (Identity B)	Comply with monograph	Complies
thin layer chromatography	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 %	5.9 %
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		
Lead		Max. 5.0 ppm	< 0.1 ppm
Mercury		Max. 0.1 ppm	< 0.05 ppm
Cadmium		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 %	8.7 %

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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
E. coli		Absent in 1 g	Absent in 1 g
Salmonella		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	28.3 %
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, 13.03.2024	 Constanze Pelzer Qualified Person/Sachkundige Person nach § 14 AMG