

Certificate of Analysis

Medcan GLU01 10g

Dried Cannabis Flower

Type of Material Cannabis Flower
Re-Test: September 2023
Batch number: MCA-AGM-GLU01-B1
Compliance: TGO 93 (Standard for Medicinal Cannabis) 2017 C2, March 2022.
 TGO 100 (Microbiological Standards for Medicines) November 2018.

Test	Specification	Results	Method of Testing
Total THC	%DW	25.48%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Total CBD	%DW	0.07%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Cannabidiolic Acid (CBDA)	%w/w	0.07%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Cannabigerol (CBG)	%w/w	0.15%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Cannabigerolic Acid (CBGA)	%w/w	0.78%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Delta-9-tetrahydrocannabinol (THC)	%w/w	0.83%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Delta-9-tetrahydrocannabinolic Acid (THCA)	%w/w	24.56%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Tetrahydrocannabivarin (THCVA)	%w/w	0.15%	As per European Pharmacopeia monographs UPLC-MS/MS Ph. Eur. 2.2.27 ORG-M-071
Identification		Pass	
Macroscopic Examination	Report Result	Complies	DAB Monograph
Microscopic Examination	Report Result	Complies	DAB Monograph
Chemical Identification	Report Result	Complies	Chromatographic (TLC)
Microbial analysis		Pass	
Total aerobic microbial count	<10000CFU/g	<100	Ph. Eur. 2.6.12 (USP62)
Total yeast and mould count	<100 CFU/g	<100	Ph. Eur. 2.6.12 (USP62)
Bile-tolerant Gram negative bacteria	<100 CFU/g	<10	Ph. Eur. 2.6.13 (USP62)
Salmonella	Absent in 10g	Negative	Ph. Eur. 2.6.13 (USP62)
<i>Escherichia coli</i>	Absent in 1g	Negative	Ph. Eur. 2.6.13 (USP62)
<i>Staphylococcus aureus</i>	Absent in 1g	Negative	Ph. Eur. 2.6.13 (USP62)

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Heavy metals Arsenic Cadmium Lead Mercury	<3.0 ppm <0.5 ppm <5.0 ppm <0.5 ppm	Pass <0.1 <0.1 <0.25 <0.05	Ph. Eur. 2.4.27 (USP233) Ph. Eur. 2.4.27 (USP233) Ph. Eur. 2.4.27 (USP233) Ph. Eur. 2.4.27 (USP233)
Aflatoxin Aflatoxin B1 Aflatoxin (SUM B1+B2+G1+G2)	<2 µg/kg <4µg/kg	Pass <2 µg/kg <4µg/kg	Ph. Eur. 2.8.18 (USP 561 mod) Ph. Eur. 2.8.18 (USP 561 mod)
Foreign matter	<2.0%	Pass Not Detected	Ph. Eur. 2.8.2 (USP 561)
Moisture Analysis	Record Result %	12.2%	Loss on Drying (USP921)
Ash Analysis	<20.0%	9.48 %	Ph. Eur. 2.4.16
Total Terpenes	%w/w	2.123%	Gas Chromatography - Mass Spectrometry detection (GCMS) ORG-M-072
alpha-Bisabolol	%w/w	0.026%	
alpha-Cedrene	%w/w	<LOQ	
alpha-Humulene	%w/w	0.065%	
alpha-Pinene	%w/w	0.615%	
alpha-Phellandrene	%w/w	<LOQ	
alpha-Terpinene	%w/w	<LOQ	
Alpha-terpineol	%w/w	0.049%	
beta-Caryophyllene	%w/w	0.228%	
beta-Myrcene	%w/w	0.391%	
beta-Ocimene	%w/w	0.007%	
beta-pinene	%w/w	0.217%	
Borneol	%w/w	0.010%	
Camphene	%w/w	0.014%	
Camphor	%w/w	<LOQ	
Caryophyllene Oxide	%w/w	0.006%	

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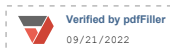
Test	Specification	Results	Method of Testing
Cedrol	%w/w	<LOQ	Gas Chromatography - Mass Spectrometry detection (GCMS) ORG-M-072
Cis-Nerolidol	%w/w	<LOQ	
d-Limonene	%w/w	0.200%	
Delta-3-Carene	%w/w	<LOQ	
e-beta Farnesene	%w/w	0.044%	
Eucalyptol	%w/w	<LOQ	
Fenchol	%w/w	0.045%	
Fenchone	%w/w	<LOQ	
gamma-Terpinene	%w/w	<LOQ	
Geraniol	%w/w	<LOQ	
Geranyl acetate	%w/w	<LOQ	
Guaiol	%w/w	<LOQ	
Isoborneol	%w/w	<LOQ	
Isopulegol	%w/w	<LOQ	
Linalool	%w/w	0.136%	
Menthol	%w/w	<LOQ	
Nerol	%w/w	<LOQ	
p-Cymene	%w/w	<LOQ	
Pulegone	%w/w	<LOQ	
Sabinene	%w/w	<LOQ	
Sabinene hydrate	%w/w	<LOQ	
Terpinolene	%w/w	0.008%	

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Test	Specification	Results	Method of Testing
trans-Nerolidol	%w/w	0.018%	
Valencene	%w/w	0.038%	
Pesticide Analysis	0.01 mg/kg	NP	Ph. Eur. 2.8.13 (ORG-M-051)
Ochratoxin A	< 20 µg/kg	NP	Ph. Eur. 2.8.22

All tests are compliant with TGO 93 specification for medical cannabis products. Analyses are conducted in ISO/IEC 17025 and/or National Association of Testing Authorities (NATA) accredited laboratories and/or by The Canadian Association for Laboratory Accreditation Inc (CALA) or by validated Medcan Australia methods.

Authorised Signature:

Date: 21-Sep-22

Janine Atkins - Quality Assurance Manager

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Compliance monitored by periodic audit