

Certificate of Analysis

Medcan STT01

Dried Cannabis Flower (10g)

Type of Material Cannabis Flower
Re-Test: 13 October 2023
Batch number: ZZYS7-P-007
Compliance: TGO 93 (Standard for Medicinal Cannabis) 2017 Compilation 2, March 2022.
 TGO 100 (Microbiological Standards for Medicines) November 2018.

Test	Specification	Results	Test Method
Total THC	% w/w dried basis	30.47 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Total CBD	% w/w dried basis	0.044 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Delta-9-tetrahydrocannabinolic Acid (THCA)	% w/w	30.854 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Delta-9-tetrahydrocannabinol (THC)	% w/w	0.648 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Delta-8-tetrahydrocannabinol (THC)	% w/w	<0.01 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Tetrahydrocannabivarin (THCV)	% w/w	<0.01 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabidiol (CBD)	%w/w	<0.01 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabidiolic Acid (CBDA)	%w/w	0.046 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabinol (CBN)	%w/w	<0.01 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabichromene (CBC)	%w/w	<0.01 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabigerol (CBG)	%w/w	0.086 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
Cannabigerolic Acid (CBGA)	%w/w	0.641 %	HPLC-DAD (In-house method) Ph. Eur. 2.2.27
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	<200 CFU/g	Not Detected	Ph. Eur. 2.6.12
Total yeast and mould count	<20 CFU/g	Not Detected	Ph. Eur. 2.6.12
Bile-tolerant Gram negative bacteria	Absent in 1g	Absent in 1g	Ph. Eur. 2.6.13
Salmonella	Absent in 10g	Absent in 10g	Ph. Eur. 2.6.13
<i>Escherichia coli</i>	Absent in 1g	Absent in 1g	Ph. Eur. 2.6.13
<i>Staphylococcus aureus</i>	Absent in 1g	Absent in 1g	Ph. Eur. 2.6.13

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Heavy metals Arsenic Cadmium Lead Mercury	<3.0 ppm <0.5 ppm <5.0 ppm <0.5 ppm	Pass Not Detected Not Detected Not Detected Not Detected	Ph. Eur. 2.4.27
Aflatoxin Aflatoxin B1 Aflatoxin (SUM B1+B2+G1+G2)	<2 µg/kg <4µg/kg	Pass Not Detected Nil	LC-MS/MS Ph. Eur. 2.8.18
Foreign matter	<2.0%	Pass Not Detected	Ph. Eur. 2.8.2 (USP 561)
Moisture Analysis	<12%	9.08 %	Ph. Eur. 2.3.32 (LOD)
Total Ash	<20.0%	8.85 %	Ph. Eur. 2.4.16
Total Terpenes	%w/w	2.078 %	GC-MS (In-house method)
alpha-Bisabolol	%w/w	0.007 %	
alpha-Cedrene	%w/w	<LOQ	
alpha-Humulene	%w/w	0.179 %	
alpha-Phellandrene	%w/w	<LOQ	
alpha-Pinene	%w/w	0.031 %	
alpha-Terpinene	%w/w	<LOQ	
beta-Myrcene	%w/w	0.268 %	
beta-pinene	%w/w	0.039 %	
Camphene	%w/w	0.008 %	
Camphor + Borneol*	%w/w	<LOQ	
Caryophyllene Oxide	%w/w	0.017 %	
(+)-Cedrol	%w/w	<LOQ	
cis-Nerolidol	%w/w	<LOQ	
Citronellol	%w/w	0.007 %	
Eucalyptol	%w/w	<LOQ	

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Eugenol	%w/w	<LOQ	GC-MS (In-house method)
Farnesene*	%w/w	0.442 %	
Fenchone*	%w/w	<LOQ	
gamma-Terpinene	%w/w	<LOQ	
Geraniol	%w/w	0.005 %	
Guaiol	%w/w	<LOQ	
Hexahydrothymol	%w/w	<LOQ	
Isoborneol	%w/w	<LOQ	
Isopulegol	%w/w	<LOQ	
Linalool	%w/w	0.158 %	
Nerol	%w/w	<LOQ	
Ocimene*	%w/w	<LOQ	
p-Cymene	%w/w	<LOQ	
Phytol*	%w/w	<LOQ	
Pulegone	%w/w	<LOQ	
(R)-Endo-(+)-Fenchyl	%w/w	0.044%	
(R)-(+)-Limonene	%w/w	0.207 %	
Sabinene	%w/w	<LOQ	
Sabinene hydrate	%w/w	<LOQ	
Terpineol*	%w/w	0.058 %	
Terpinolene	%w/w	<LOQ	
Trans-Caryophyllene	%w/w	0.590 %	

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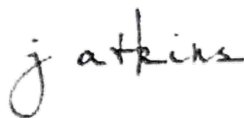
Test	Specification	Results	Test Method
Trans-Nerolidol	%w/w	0.018 %	GC-MS (In-house method)
Valencene	%w/w	<LOQ	
(1S)-3-Carene	%w/w	<LOQ	
Pesticide Analysis	NMT Ph. Eur. 2.8.13 Limits	Pass	Ph. Eur. 2.8.13
Ochratoxin A	< 20 µg/kg	Not Detected	LC-MS/MS Ph. Eur. 2.8.22

<LOQ = Less than Limit of Detection.

* = Mixture of Isomers

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: 17 November 2022

Janine Atkins - Quality Assurance Manager

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Compliance monitored by periodic audit