

PharmLabs San Diego Certificate of Analysis



Sample **Malawi Gold**

Delta9 THC	0.30%	THCa	22.78%	Total THC (THCa * 0.877 + THC)	20.28%	Delta8 THC	ND
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Sample ID SD250429-053 (110846)		Matrix Flower
Sampled - Analyses executed	Received Apr 29, 2025	Reported May 07, 2025
FP-IF		

* CAN+ - Cannabinoids

Analyzed Apr 22, 2025 | Instrument HPLC-VWD | Method SOP-001
The expanded uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiol (CBD)	0.011	0.03	ND	ND
Cannabidiol (CBD)	0.033	0.16	0.04	0.38
Cannabigerol (CBG)	0.033	0.16	0.57	5.69
Cannabigerol (CBG)	0.048	0.16	0.08	0.76
Cannabidiol (CBD)	0.069	0.229	ND	ND
Tetrahydrocannabinol (THC)	0.049	0.16	ND	ND
Cannabidiol (CBD)	0.047	0.16	ND	ND
Tetrahydrocannabinol (THC)	0.092	0.307	0.30	3.01
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	ND	ND
Cannabichromene (CBC)	0.13	0.432	0.23	2.32
Tetrahydrocannabinol (THC)	0.117	0.389	22.78	227.80
Total THC (THCa * 0.877 + Δ9THC)			20.28	202.79
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			20.28	202.79
Total CBD (CBDa * 0.877 + CBD)			0.03	0.33
Total CBG (CBGa * 0.877 + CBG)			0.58	5.75
Total Cannabinoids Analyzed			21.12	211.19

*Dry Weight %

HME - Heavy Metals

Analyzed May 01, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	ND	1.5
Cadmium (Cd)	0.0005	0.0015	0.00	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.01	0.5

MIBIG - Microbial

Analyzed Apr 29, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	Negative	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	Negative	1
Aspergillus flavus	1.0	1.0	Negative	1
Aspergillus niger	1.0	1.0	Negative	1
Aspergillus terreus	1.0	1.0	Negative	1

MTO - Mycotoxin

Analyzed Apr 30, 2025 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

Scan the QR code to verify authenticity.

Brandon Starr, Quality Assurance Manager
Wed, 07 May 2025 07:59:38 -0700

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PES - Pesticides

AnalyzedMay01,2025|InstrumentLC/MSMS GC/MSMS | MethodSOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.01	0.02	ND		Carbofuran	0.01	0.02	ND	
Dimethoate	0.01	0.02	ND		Etofenprox	0.02	0.1	ND	
Fenoxycarb	0.01	0.02	ND		Thiachloprid	0.01	0.02	ND	
Daminozide	0.01	0.03	ND		Dichlorvos	0.02	0.07	ND	
Imazalil	0.01	0.07	ND		Methiocarb	0.01	0.02	ND	
Spiroxamine	0.02	0.02	ND		Coumaphos	0.01	0.02	ND	
Fipronil	0.01	0.1	ND		Paclobutrazol	0.01	0.03	ND	
Chlorpyrifos	0.01	0.04	ND		Ethoprophos (Prophos)	0.01	0.02	ND	
Baygon (Propoxur)	0.01	0.02	ND		Chlordane	0.04	0.1	ND	
Chlorfenapyr	0.01	0.1	ND		Methyl Parathion	0.02	0.1	ND	
Mevinphos	0.03	0.08	ND		Abamectin	0.03	0.08	ND	
Acephate	0.03	0.05	ND		Acetamiprid	0.01	0.05	ND	
Azoxystrobin	0.02	0.02	ND		Bifenazote	0.01	0.05	ND	
Bifenthrin	0.01	0.35	ND		Boscalid	0.01	0.03	ND	
Carbaryl	0.02	0.02	ND		Chlorantraniliprole	0.01	0.04	ND	
Clofentazine	0.01	0.03	ND		Diazinon	0.01	0.02	ND	
Dimethomorph	0.01	0.06	ND		Etoxazole	0.01	0.05	ND	
Fenpyroximate	0.01	0.1	ND		Fonicamid	0.01	0.02	ND	
Fludioxonil	0.02	0.05	ND		Hexythiazox	0.01	0.03	ND	
Imidacloprid	0.02	0.05	ND		Kresoxim-methyl	0.01	0.03	ND	
Malathion	0.01	0.05	ND		Metolaxyl	0.01	0.02	ND	
Methomyl	0.01	0.05	ND		Myclobutanil	0.02	0.07	ND	
Naled	0.01	0.02	ND		Oxamyl	0.01	0.02	ND	
Permethrin	0.02	0.02	ND		Phosmet	0.01	0.02	ND	
Piperonyl Butoxide	0.01	0.06	ND		Propiconazole	0.03	0.08	ND	
Prallethrin	0.01	0.05	ND		Pyrethrin	0.05	0.41	ND	
Pyridaben	0.02	0.07	ND		Spinosad A	0.01	0.05	ND	
Spinosad D	0.02	0.05	ND		Spiromesifen	0.02	0.06	ND	
Spirotetramat	0.01	0.02	ND		Tebuconazole	0.01	0.02	ND	
Thiamethoxam	0.01	0.02	ND		Trifloxystrobin	0.01	0.02	ND	
Acequinocyl	0.01	0.09	ND		Captan	0.01	0.02	ND	
Cypermethrin	0.01	0.1	ND		Cyfluthrin	0.04	0.1	ND	
Fenhexamid	0.02	0.07	ND		Spinetoram J,L	0.02	0.07	ND	
Pentachloronitrobenzene	0.02								
	0.01								

FVI - Filth & Foreign Material Inspection

Analyzed Apr 29, 2025 | InstrumentMicroscope|MethodSOP-010

Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

MWA - Moisture Content & Water Activity

AnalyzedApr 22,2025|InstrumentChilled-mirrorDewpointandCapacitance|MethodSOP-008

Analyte	LOD aw	LOQ w	Result	Limit	Analyte	LOD % M/w	LOQ % M/w	Result	Limit
Water Activity (WA)	0.03	0.03	0.61 aw	0.85 aw	Moisture (Moi)	0.0	0.0	8.9 % Mw	13 % Mw

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



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