

PharmLabs San Diego Certificate of Analysis



Sample MODUS Black Prerolls - Permanent Marker

Delta9 THC 0.30% | THCa 0.25% | Total THC (THCa \* 0.877 + THC) 0.52% | Delta8 THC ND

Sample ID SD250208-051 (106801)	Matrix Flower	Batch ID/Lot ID 247-052
Tested for California Diamond Distribution		
Sampled -	Received Feb 07, 2025	Reported Feb 17, 2025
Analyses executed MICX, FP-IF20	Unit Mass (g) 2.0	Num. of Servings 2
		Serving Size (g) 1.0

CANx - Cannabinoids

Analyzed Feb 10, 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	Result mg/Serving	Result mg/Unit	Sample photography
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	ND	
Cannabidiol (CBD)	0.006	0.02	ND	ND	ND	ND	
Abnormal Cannabidiol (a-CBD)	0.013	0.038	ND	ND	ND	ND	
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.015	0.045	ND	ND	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	14.24	142.39	142.39	284.78	
Cannabigerol Acid (CBGA)	0.033	0.16	0.31	3.08	3.08	6.16	
Cannabigerol (CBG)	0.048	0.16	0.93	9.33	9.33	18.66	
Cannabidiol (CBD)	0.069	0.229	8.15	81.47	81.47	162.94	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.008	0.026	ND	ND	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.016	0.049	ND	ND	ND	ND	
Tetrahydrocannabinol (THCV)	0.049	0.162	ND	ND	ND	ND	
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.012	0.036	ND	ND	ND	ND	
Cannabidihexol (CBDH)	0.014	0.042	ND	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.01	0.029	ND	ND	ND	ND	
Cannabinol (CBN)	0.047	0.16	ND	ND	ND	ND	
Cannabidiphoral (CBDP)	0.016	0.049	0.16	1.56	1.56	3.12	
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.30	3.00	3.00	6.00	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	ND	ND	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	ND	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	0.25	2.53	2.53	5.06	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.02	0.061	ND	ND	ND	ND	
Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	ND	ND	
9(S)-Hexahydrocannabinolic Acid (9(S)-HHCA)	0.063	0.065	ND	ND	ND	ND	
9(R)-Hexahydrocannabinolic Acid (9(R)-HHCA)	0.191	0.196	ND	ND	ND	ND	
Δ9-Tetrahydrocannabinophoral (Δ9-THCP)	0.017	0.8	5.86	58.63	58.63	117.26	
Δ8-Tetrahydrocannabinophoral (Δ8-THCP)	0.041	0.8	ND	ND	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	ND	ND	ND	ND	
9(S)-HHCP (s-HHCP)	0.013	0.041	ND	ND	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.8	ND	ND	ND	ND	
9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.037	0.112	ND	ND	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	ND	ND	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			0.52	5.22	5.22	10.44	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			0.52	5.22	5.22	10.44	
Total CBD (CBDA * 0.877 + CBD)			20.63	206.35	206.35	412.69	
Total CBG (CBGA * 0.877 + CBG)			1.20	12.03	12.03	24.06	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	ND	
Total Cannabinoids Analyzed			28.38	283.79	283.79	567.57	

\*Dry Weight %

HME - Heavy Metals

Analyzed Feb 11, 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	0.03	1.5
Cadmium (Cd)	0.0005	0.0015	0.11	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	0.03	0.5

UJ 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



DCC license: C8-0000098-LIC  
 DEA license: RP0611043  
 ISO/IEC 17025:2017 Acc. #85368



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
 Mon, 17 Feb 2025 09:03:19 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. #85368



\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.

MIBIG - Microbial

Analyzed Feb 10, 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	ND	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 Feb 13, 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



DCC license: C8-0000098-LIC  
 DEA license: RP0611043  
 ISO/IEC 17025:2017 Acc. 85368



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
 Mon, 17 Feb 2025 09:03:19 -0800

PharmLabs San Diego | 3421 Hancock St., Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. 85368



\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.

PES - Pesticides

Analyzed Feb 13, 2025 | Instrument LC/MSMS GC/MSMS | Method SOP-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	0.02	0.07	ND		Methiocarb	0.01	0.02	ND	
Spiroxamine	0.01	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	0.03	0.1	ND		Methyl Parathion	0.02	0.1	ND	
Mevinphos	0.03	0.08	ND		Abamectin	0.03	0.08	ND	
Acephate	0.02	0.05	ND		Acetamiprid	0.01	0.05	ND	
Azoxystrobin	0.01	0.02	ND		Bifentazate	0.01	0.05	ND	
Bifenthrin	0.02	0.35	ND		Boscalid	0.01	0.03	ND	
Carbaryl	0.01	0.02	ND		Chlorantraniliprole	0.01	0.04	ND	
Clofentazine	0.01	0.03	ND		Diazinon	0.01	0.02	ND	
Dimethomorph	0.02	0.06	ND		Etoazole	0.01	0.05	ND	
Fenpyroximate	0.02	0.1	ND		Fonicamid	0.01	0.02	ND	
Fludioxonil	0.01	0.05	ND		Hexythiazox	0.01	0.03	ND	
Imidacloprid	0.01	0.05	ND		Kresoxim-methyl	0.01	0.03	ND	
Malathion	0.01	0.05	ND		Metalaxyl	0.01	0.02	ND	
Methomyl	0.02	0.05	ND		Myclobutanil	0.02	0.07	ND	
Naled	0.01	0.02	ND		Oxamyl	0.01	0.02	ND	
Permethrin	0.01	0.02	ND		Phosmet	0.01	0.02	ND	
Piperonyl Butoxide	0.02	0.06	ND		Propiconazole	0.03	0.08	ND	
Prallethrin	0.02	0.05	ND		Pyrethrin	0.05	0.41	ND	
Pyridaben	0.02	0.07	ND		Spinosad A	0.01	0.05	ND	
Spinosad D	0.01	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	0.02	0.09	ND		Captan	0.01	0.02	ND	
Cypermethrin	0.02	0.1	ND		Cyfluthrin	0.04	0.1	ND	
Fenhexamid	0.02	0.07	ND		Spinetoram J,L	0.02	0.07	ND	
Pentachloronitrobenzene	0.01	0.1	ND						

FVI - Filth & Foreign Material Inspection

Analyzed Feb 10, 2025 | Instrument Microscope | Method SOP-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

Analyzed Feb 10, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	6.7 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.48 a <sub>w</sub>	0.85 a <sub>w</sub>

MICx - Microbial X

Analyzed Feb 10, 2025 | Instrument Plating | Method SOP-007

Analyte	LOD CFU/G	LOQ CFU/G	Result CFU/G	Limit CFU/G
Total Yeast & Molds (TYM)	1.0	1.0	320	
Listeria (LIS)	1.0	1.0	ND	
Gram Negative Bacteria (BTGN)	1.0	1.0	14	
Total Viable Aerobic Bacteria (TVAB)	1.0	1.0	24	

UJ 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



DCC license: C8-0000098-LIC  
 DEA license: RP0611043  
 ISO/IEC 17025:2017 Acc. 85368



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
 Mon, 17 Feb 2025 09:03:19 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. 85368



\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.