

PharmLabs San Diego Certificate of Analysis



Sample Hybrid 24K Lot #10001

Delta9 THC 0.21%	THCa 33.45%	Total THC (THCa * 0.877 + THC) 29.55%	Delta8 THC ND
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Sample ID SD251113-095 (127645)	Matrix Flower
Tested for CBM Farms	
Sampled -	Received Nov 13, 2025
Analyses executed FP-IF	Reported Nov 21, 2025

\* CAN+ - Cannabinoids

Analyzed Nov 15, 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 Acid (CBDA)	0.033	0.16	1.04	10.42
Cannabigerol Acid (CBGA)	0.033	0.16	0.10	1.05
Cannabigerol (CBG)	0.048	0.16	ND	ND
Cannabidiol (CBD)	0.069	0.229	0.17	1.73
Tetrahydrocannabinol (THCV)	0.049	0.16	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.21	2.07
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	ND	ND
Cannabichromene (CBC)	0.13	0.432	ND	ND
Tetrahydrocannabinol Acid (THCA)	0.117	0.389	33.45	334.54
Total THC ( THCa * 0.877 + Δ9THC )			29.55	295.46
Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			29.55	295.46
Total CBD ( CBDA * 0.877 + CBD )			1.09	10.87
Total CBG ( CBGA * 0.877 + CBG )			0.09	0.92
Total Cannabinoids Analyzed			30.72	307.25

\*Dry Weight %

HME - Heavy Metals

Analyzed Nov 19, 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	0.05	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	0.02	0.5

MIBIG - Microbial

Analyzed Nov 17, 2025 | Instrument 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 Nov 19, 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



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 ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
 Fri, 21 Nov 2025 15:28:18 -0800

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PES - Pesticides

Analyzed Nov 19, 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		Thiachlorprid	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		Acephate	0.02	0.05	ND	
Acetamiprid	0.01	0.05	ND		Azoxystrobin	0.01	0.02	ND	
Bifenazate	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		Fenproximate	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		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 Nov 14, 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 Nov 17, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD a <sub>w</sub>	LOQ a <sub>w</sub>	Result	Limit	Analyte	LOD % M/w	LOQ % M/w	Result	Limit
Water Activity (WA)	0.03	0.03	0.53 a <sub>w</sub>	0.85 a <sub>w</sub>	Moisture (Moi)	0.0	0.0	7.5 % 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  
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