

PharmLabs San Diego Certificate of Analysis



Sample Pure Michigan

Delta9 THC	0.24%	THCa	21.13%	Total THC (THCa * 0.877 + THC)	18.76%	Delta8 THC	ND
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Sample ID	SD250215-057 (107429)	Matrix	Flower
Tested for	Pure Leaf Distribution		
Sampled	-	Received	Feb 14, 2025
Analyses executed	CAN+, MIBIG, MTO, PES, HME, FVI, MWA	Reported	Feb 21, 2025

* CAN+ - Cannabinoids

Analyzed Jan 30, 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	Limit
Cannabidiol (CBD)	0.039	0.16	ND	ND	
Cannabidiol (CBD)	0.011	0.03	ND	ND	
Cannabidiol Acid (CBDA)	0.033	0.16	0.05	0.54	
Cannabigerol Acid (CBGA)	0.033	0.16	0.56	5.64	
Cannabigerol (CBG)	0.048	0.16	0.08	0.79	
Cannabidiol (CBD)	0.069	0.229	ND	ND	
Tetrahydrocannabinol (THCV)	0.049	0.16	ND	ND	
Cannabinol (CBN)	0.047	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.24	2.36	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	
Cannabicyclol (CBL)	0.0012	0.16	0.05	0.47	
Cannabichromene (CBC)	0.13	0.432	0.05	0.49	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	21.13	211.26	
Total THC (THCa * 0.877 + Δ9THC)			18.76	187.64	
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			18.76	187.64	
Total CBD (CBDA * 0.877 + CBD)			0.05	0.47	
Total CBG (CBGA * 0.877 + CBG)			0.57	5.74	
Total Cannabinoids Analyzed			19.48	194.80	

*Dry Weight %

HME - Heavy Metals

Analyzed Feb 20, 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	0.00	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	<LOQ	0.5

MIBIG - Microbial

Analyzed Feb 19, 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	
Salmonella spp.	1.0	1.0	ND	
Aspergillus fumigatus	1.0	1.0	ND	
Aspergillus flavus	1.0	1.0	ND	
Aspergillus niger	1.0	1.0	ND	
Aspergillus terreus	1.0	1.0	ND	

MTO - Mycotoxin

Analyzed Feb 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



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

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Fri, 21 Feb 2025 17:41:46 -0800

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



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PES - Pesticides

Analyzed Feb 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		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		Flonicamid	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	0.05	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 17, 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 05, 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	6.5 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.47 a _w	0.85 a _w

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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