

PharmLabs San Diego Certificate of Analysis



Sample **Pluto**

Delta9 THC	0.17%	THCa	17.32%	Total THC (THCa * 0.877 + THC)	15.36%	Delta8 THC	ND
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Sample ID	SD250130-030 (106132)	Matrix	Flower
Tested for	Delta 8 Denton		
Sampled	-	Received	Jan 29, 2025
Analyses executed	FP-IF	Reported	Feb 03, 2025

* CAN+ - Cannabinoids

Analyzed Jan 27, 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
Cannabidivarin (CBDv)	0.039	0.16	ND	ND	
Cannabidibutol (CBDb)	0.011	0.03	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.43	
Cannabigerol Acid (CBGA)	0.033	0.16	0.46	4.55	
Cannabigerol (CBG)	0.048	0.16	0.07	0.68	
Cannabidiol (CBD)	0.069	0.229	ND	ND	
Tetrahydrocannabivarin (THCV)	0.049	0.16	ND	ND	
Cannabinol (CBN)	0.047	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.17	1.74	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	
Cannabicyclol (CBL)	0.0012	0.16	0.04	0.36	
Cannabichromene (CBC)	0.13	0.432	0.02	0.19	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	17.32	173.16	
Total THC (THCa * 0.877 + Δ9THC)			15.36	153.60	
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			15.36	153.60	
Total CBD (CBDa * 0.877 + CBD)			0.04	0.38	
Total CBG (CBGa * 0.877 + CBG)			0.47	4.67	
Total Cannabinoids Analyzed			15.92	159.20	

*Dry Weight %

HME - Heavy Metals

Analyzed Jan 31, 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	0.01	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Jan 31, 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	Negative	
Aspergillus flavus	1.0	1.0	Negative	
Aspergillus niger	1.0	1.0	Negative	
Aspergillus terreus	1.0	1.0	Negative	

MTO - Mycotoxin

Analyzed Jan 31, 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
Mon, 03 Feb 2025 12:46:28 -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 Jan 31, 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	
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	
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		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	
Clofentezine	0.01	0.03	ND		Diazinon	0.01	0.02	ND	
Dimethomorph	0.02	0.06	ND		Etoxazole	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	0.03	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	
Fenhexamid	0.02	0.07	ND		Spinetoram J,L	0.02	0.07	ND	

FVI - Filth & Foreign Material Inspection

Analyzed Jan 30, 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 Jan 27, 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

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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
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