

PharmLabs San Diego Certificate of Analysis



Sample Loose Change - Pink Berry

Delta9 THC 0.12%	THCa ND	Total THC (THC + THCa) 0.12%	Delta8 THC 2.95%
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Sample ID SD240425-001 (93728)		Matrix Edible/Tincture (Other Cannabis Good)	
Tested for Cali Extrax		Reported Mar 01, 2025	
Sampled -		Received Mar 24, 2025	
Analyses executed CANX, RES, MIBNIG, MTO, PES, HME, FVI, MWA, D9C		Unit Mass (g) 42.696	Serving Size (g) 4.74
		Num. of Servings 9	

Summary D9C: The total Δ9-THC content in this sample is 0.12%. For the most accurate Δ9-THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation Analysis

Analyzed May 01, 2024 | Instrument GC MS/MS | Method SOP-041 D9C
The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.387	1.174	0.12	1.15	5.45	49.10
Total Cannabinoids Analyzed	-	-	0.12	1.15	5.45	49.10

CANX - Cannabinoids Analysis

Analyzed Mar 26, 2025 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND	ND	ND
Abnormal Cannabidiol (a-CBD)	0.01	0.031	ND	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND	ND
Cannabidiol Acid (CBDA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND	ND
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND	ND
Tetrahydrocannabinol (THCV)	0.001	0.16	0.03	0.27	1.28	11.53
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.021	0.064	0.09	0.93	4.41	39.71
Cannabidiol (CBDH)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	0.01	0.06	0.28	2.56
Cannabinol (CBN)	0.001	0.16	0.13	1.28	6.07	54.65
Cannabidiol (CBDP)	0.015	0.047	ND	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	1.40	14.04	66.55	599.45
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	2.95	29.52	139.92	1260.39
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	ND
Tetrahydrocannabinol Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.024	0.071	ND	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.16	0.01	0.07	0.33	2.99
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.16	0.07	0.69	3.27	29.46
Cannabicitran (CBT)	0.005	0.16	0.03	0.34	1.61	14.52
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	0.01	0.09	0.43	3.84
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	0.01	0.10	0.47	4.27
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			1.40	14.04	66.55	599.45
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			4.36	43.56	206.47	1859.84
Total CBD (CBDA * 0.877 + CBD)			ND	ND	ND	ND
Total CBG (CBGA * 0.877 + CBG)			ND	ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	ND
Total Cannabinoids Analyzed			4.74	47.39	224.63	2023.36

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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DEA license: RPO611043
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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Wed, 01 Mar 2025 15:48:18 -0700



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HME - Heavy Metals Analysis

Analyzed Mar 25, 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	0.10	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.04	0.5

MIBNIG - Microbial Analysis

Analyzed Mar 25, 2025 Instrument Plating Method SOP-007							
Analyte	LOD LOQ	Result CFU/g	Limit	Analyte	LOD LOQ	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli		ND	ND per 1 gram	Salmonella spp.		ND	ND per 1 gram

MTO - Mycotoxin Analysis

Analyzed Mar 26, 2025 Instrument LC/MSMS Method SOP-004									
Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	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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Analyzed Mar 26, 2025 Instrument LC/MS/MS 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	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01	
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02	
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01	
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02	
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01	
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01	
Fipronil	0.01	0.1	NT	0.01	Paclobutrazol	0.01	0.03	ND	0.01	
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01	
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	NT	0.04	
Chlorfenapyr	0.01	0.1	NT	0.03	Methyl Parathion	0.02	0.1	NT	0.02	
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.3	
Acephate	0.03	0.05	ND	5	Acetamiprid	0.01	0.05	ND	5	
Azoxystrobin	0.02	0.32	ND	40	Bifenazote	0.01	0.05	ND	5	
Bifenthrin	0.01	0.05	ND	0.5	Boscalid	0.01	0.03	ND	10	
Carbaryl	0.02	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40	
Clofentazine	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2	
Dimethomorph	0.01	0.06	ND	20	Etoazole	0.01	0.05	ND	1.5	
Fenproxiimate	0.02	0.1	ND	2	Flonicamid	0.01	0.02	ND	2	
Fludioxonil	0.02	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2	
Imidacloprid	0.01	0.05	ND	3	Kresoxim-methyl	0.01	0.03	ND	1	
Malathion	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15	
Methomyl	0.01	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9	
Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2	
Permethrin	0.02	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2	
Piperonyl Butoxide	0.01	0.06	ND	8	Propiconazole	0.03	0.08	ND	20	
Prallethrin	0.01	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1	
Pyridaben	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3	
Spinosad D	0.02	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12	
Spiratetramat	0.01	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2	
Thiamethoxam	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30	
Acequinocyl	0.01	0.09	ND	4	Captan	0.01	0.02	ND	5	
Cypermethrin	0.01	0.1	NT	1	Cyfluthrin	0.04	0.1	NT	1	
Fenhexamid	0.02	0.07	ND	10	Spinetoram J.L	0.02	0.07	ND	3	
Pentachloronitrobenzene	0.02									
	0.01									

RES - Residual Solvents Analysis

Analyzed Mar 26, 2025 Instrument GC/FID with Headspace Analyzer Method SOP-006										
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	
Propane (Prop)	0.4	40.0	ND	5000	Butane (But)	0.4	40.0	ND	5000	
Methanol (Metha)	0.4	40.0	ND	3000	Ethylene Oxide (EthOx)	0.4	0.8	ND	1	
Pentane (Pen)	0.4	40.0	ND	5000	Ethanol (Ethanol)	0.4	40.0	490.1	5000	
Ethyl Ether (EthEt)	0.4	40.0	ND	5000	Acetone (Acet)	0.4	40.0	ND	5000	
Isopropanol (2-Pro)	0.4	40.0	ND	5000	Acetonitrile (Acetonit)	0.4	40.0	ND	410	
Methylene Chloride (MetCh)	0.4	0.8	ND	1	Hexane (Hex)	0.4	40.0	ND	290	
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000	Chloroform (Clo)	0.4	0.8	ND	1	
Benzene (Ben)	0.4	0.8	ND	1	1,2-Dichloroethane (12-Dich)	0.4	0.8	ND	1	
Heptane (Hep)	0.4	40.0	ND	5000	Trichloroethylene (TriClEth)	0.4	0.8	ND	1	
Toluene (Toluene)	0.4	40.0	ND	890	Xylenes (Xyl)	0.4	40.0	ND	2170	

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 24, 2025 Instrument Microscope Method SOP-010				Analyte / Limit		Result	
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 Analysis

Analyzed Mar 25, 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	10.7 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.68 aw	0.85 aw

UI Unidentified
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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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