

PharmLabs San Diego Certificate of Analysis



Sample Loose Change - Pineapple Crush

Delta9 THC	0.26%	THCa	ND	Total THC (THCa * 0.877 + THC)	0.26%	Delta8 THC	0.56%
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Sample ID SD240813-030 (97746)		Matrix Edible (Other Cannabis Good)	
Tested for: Cali Extrax			
Sampled -	Received Mar 12, 2025	Reported Mar 15, 2025	
Analyses executed FP-NI20	Unit Mass (g) 76.95	Num. of Servings 15	Serving Size (g) 5.13

CANx - Cannabinoids Analysis

Analyzed Mar 14, 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-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiolcin (CBDO)	0.002	0.007	ND	ND	ND	ND
Abnormal Cannabidiolcin (a-CBDO)	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
Cannabidiolic 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)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	ND	ND
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.01	0.07	0.36	5.39
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	0.02	0.16	0.82	12.31
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	0.02	0.19	0.97	14.62
Cannabidiophorol (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	0.26	2.56	13.13	196.99
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.56	5.59	28.68	430.15
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.126	0.42	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.118	0.39	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Δ9-Tetrahydrocannabinolhexol (Δ9-THCH)	0.024	0.071	ND	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	0.00	0.03	0.15	2.31
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	0.02	0.23	1.18	17.70
Cannabicitran (CBT)	0.005	0.16	0.01	0.07	0.36	5.39
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND	ND
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)			0.26	2.56	13.13	196.99
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			0.82	8.15	41.81	627.14
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			0.89	8.90	45.66	684.86

HME - Heavy Metals Analysis

Analyzed Mar 15, 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	ND	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	ND	0.5

MIBNIG - Microbial Analysis

Analyzed Mar 14, 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

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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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Thu, 15 Mar 2025 14:02:01 -0700



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Analyzed Mar 14, 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 14, 2025 Instrument LC/MSMS GC/MSMS Method SOP-003									
LOD	LOQ	Result	Limit	Analyte	LOD	LOQ	Result	Limit	
ug/g	ug/g	ug/g	ug/g		ug/g	ug/g	ug/g	ug/g	
CAPPELLE									
	0.01	0.02	ND	0	Carbofuran	0.01	0.02	ND	0
Aldicarb	0.01	0.02	ND	0	Etofenprox	0.02	0.1	ND	0
Dimethoate	0.01	0.02	ND	0	Thiachloprid	0.01	0.02	ND	0
Fenoxycarb	0.01	0.03	ND	0	Dichlorvos	0.02	0.07	ND	0
Daminozide	0.01	0.07	ND	0	Methiocarb	0.01	0.02	ND	0
Imazalil	0.02	0.02	ND	0	Coumaphos	0.01	0.02	ND	0
Spiroxamine	0.01	0.1	NT	0	Paclobutrazol	0.01	0.03	ND	0
Fipronil	0.01	0.04	ND	0	Ethoprophos (Prophos)	0.01	0.02	ND	0
Chlorpyrifos	0.01	0.02	ND	0	Chlordane	0.04	0.1	NT	0
Baygon (Propoxur)	0.01	0.1	NT	0	Methyl Parathion	0.02	0.1	NT	0
Chlorfenapyr	0.03	0.08	ND	0	Abamectin	0.03	0.08	ND	0.3
Mevinphos	0.03	0.05	ND	5	Acetamiprid	0.01	0.05	ND	5
Acephate	0.02	0.02	ND	40	Bifenazote	0.01	0.05	ND	5
Azoxystrobin	0.01	0.35	ND	0.5	Boscalid	0.01	0.03	ND	10
Bifenthrin	0.02	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40
Carbaryl	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2
Clofentazine	0.01	0.06	ND	20	Etoazole	0.01	0.05	ND	1.5
Dimethomorph	0.02	0.1	ND	2	Fonicamid	0.01	0.02	ND	2
Fenproxiimate	0.02	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
Fludioxonil	0.01	0.05	ND	3	Kresoxim-methyl	0.01	0.03	ND	1
Imidacloprid	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15
Maliathion	0.01	0.02	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Methomyl	0.02	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2
Naled	0.02	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2
Permethrin	0.01	0.06	ND	8	Propiconazole	0.03	0.08	ND	20
Piperonyl Butoxide	0.01	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1
Prallethrin	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3
Pyridaben	0.02	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12
Spinosad D	0.02	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2
Spirotetramat	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30
Thiamethoxam	0.01	0.09	ND	4	Captan	0.01	0.02	ND	5
Acequinocyl	0.01	0.1	NT	1	Cyfluthrin	0.04	0.1	NT	1
Cypermethrin	0.02	0.07	ND	10	Spinetoram J.L	0.02	0.07	ND	3
Fenhexamid	0.02	0.1	NT	0.2	Chloromequat Chloride	0.02	0.1	NT	0.2
Pentachloronitrobenzene	0.02								
	0.01								

RES - Residual Solvents Analysis

Analyzed Mar 14, 2025 Instrument GC/FID with Headspace Analyzer Method SOP-006									
LOD	LOQ	Result	Limit	Analyte	LOD	LOQ	Result	Limit	
ug/g	ug/g	ug/g	ug/g		ug/g	ug/g	ug/g	ug/g	
Propane (Prop)	0.044	0.4	ND	5000	Butane (But)	0.02	0.4	ND	5000
Methanol (Metha)	1.176	3.92	ND	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	ND	5000
Ethyl Ether (EthEt)	0.036	0.4	ND	5000	Acetone (Acet)	0.044	0.4	ND	5000
Isopropanol (2-Pro)	1.16	3.868	ND	5000	Acetonitrile (Acetonit)	0.888	2.952	ND	410
Methylene Chloride (MetCh)	0.04	0.4	ND	1	Hexane (Hex)	0.012	0.4	ND	290
Ethyl Acetate (EthAc)	0.032	0.4	ND	5000	Chloroform (Clo)	0.028	0.4	ND	1
Benzene (Ben)	0.012	0.4	ND	1	1-2-Dichloroethane (12-Dich)	0.024	0.4	ND	1
Heptane (Hep)	0.012	0.4	ND	5000	Trichloroethylene (TriClEth)	0.072	0.4	ND	1
Toluene (Toluene)	0.036	0.4	ND	890	Xylenes (Xyl)	0.012	0.4	ND	2170

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 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 Analysis

Analyzed Mar 14, 2025 Instrument Chilled-mirror Dewpoint and Capacitance Method SOP-008							
LOD	LOQ	Result	Limit	Analyte	LOD	LOQ	Limit
%	%				%	%	
Moisture (Moi)	0.0	11.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.85 aw

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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