

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368Sample **Sour Joker**Sample ID SD230712-038 (81049)
Distributor License 604034860

Sampled - Received Mar 12, 2025 Address: 1 Vanderbilt, Irvine CA, 92618 Name: Savage Enterprises

Matrix Concentrate (Inhalable Cannabis Good)

Reported Mar 18, 2025

Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI

Laboratory note: The estimated concentration of the unknown peak in the sample is 6.16%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-d8-THC or d9-THC. At this time there are no reference standards available for (+)-d8-THC. (+)-d8-THC is a dierent compound from the main (-)-d8-THC cannabinoid and, therefore, these two compounds may have dierent eocies. Using the most advanced instruments and techniques available, the separation of (+)-d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-d8-THC and d9-THC with the majority, if not all, of the concentration being (+)-d8-THC. Total (+/-)-D8 Concentration is estimated to be: 76.91%

CANX - Cannabinoids Analysis

Analyzed Mar 18, 2025 | Instrument HPLC-VWD | Method The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy- Δ 8-Tetrahydrocannabivarin (11-Hyd- Δ 8-THCV)	0.013	0.041	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND
Abnormal Cannabidiol (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy- Δ 8-Tetrahydrocannabivarin (11-Hyd- Δ 8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
1(S)-THD (s-THD)	0.013	0.041	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ 8-tetrahydrocannabivarin (Δ 8-THCV)	0.021	0.064	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol (Δ 9-THCB)	0.013	0.038	0.50	5.03
Cannabinol (CBN)	0.001	0.16	0.64	6.38
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ 9-THC)	0.003	0.16	UI	UI
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	76.91	769.10
(6aR,9S)- Δ 10-Tetrahydrocannabinol ((6aR,9S)- Δ 10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinol ((6aR,9R)- Δ 10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.20	1.97
Δ 9-Tetrahydrocannabihexol (Δ 9-THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP)	0.017	0.16	ND	ND
Δ 8-Tetrahydrocannabiphorol (Δ 8-THCP)	0.041	0.16	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND
Δ 8-THC-O-acetate (Δ 8-THCO)	0.076	0.16	ND	ND
9(S)-HHC (s-HHC)	0.031	0.094	ND	ND
Δ 9-THC-O-acetate (Δ 9-THCO)	0.066	0.16	ND	ND
9(R)-HHC (r-HHC)	0.026	0.079	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
9(R)-HHC-O-acetate (r-HHCO)			ND	ND
3'-octyl- Δ 8-Tetrahydrocannabinol (Δ 8-THC-C8)			0.60	6.00
Δ 9-THC methyl ether (Δ 9-MeO-THC)			ND	ND
Total THC (THCa * 0.877 + Δ 9THC)	0.067	0.204	0.17	1.72
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			77.08	770.82
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			78.82	788.23

HME - Heavy Metals Detection Analysis

Analyzed Mar 14, 2025 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	0.02	0.2
Cadmium (Cd)	3.0e-05	0.0005	0.00	0.2
Mercury (Hg)	1.0e-05	0.0001	0.04	0.1
Lead (Pb)	1.0e-05	0.00125	0.01	0.5

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>LOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

 Brandon Starr, Lab Manager
 Tue, 18 Mar 2025 13:34:06
 -0700

MIBIG - Microbial Testing Analysis

Analyzed Mar 14, 2025 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Mar 18, 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 Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >LOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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 Brandon Starr, Lab Manager
 Tue, 18 Mar 2025 13:34:06 -0700

PES - Pesticides Screening Analysis

Analyzed Mar 18, 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	0.0078	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	Thiachlorid	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	0.1	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.04	ND	0.01	Paclbutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.02	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.1	ND	0.03	Chlordane	0.04	0.1	ND	0.04
Chlорfenopyr	0.03	0.08	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.05	ND	0.1	Abamectin	0.03	0.08	ND	0.1
Acephate	0.02	0.02	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.35	ND	3	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.02	ND	0.5	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.03	ND	0.1	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.06	ND	2	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.1	ND	0.1	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.05	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	5	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	0.5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	1	Metolaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.02	ND	0.1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.06	ND	3	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.01	0.05	ND	0.1	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.07	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.05	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.02	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.09	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiomethoxam	0.01	0.1	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.07	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	0.1	Cyfluthrin	0.04	0.1	ND	2
Fenheximid	0.02	0.01	ND	0.1	Spinetoram J.L.	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.02	0.01	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Mar 17, 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		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	ND	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	77.8	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	57.4		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1,2-Dichloroethane (12-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	ND		Xylenes (Xyl)	0.4	40.0	ND	

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

UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >LOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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