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ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample ID SD231019-023(52483)

### Matrix Concentrate (Inhalable Cannabis Good)

Received Jan 19, 2025

Reported Jan 10, 2025

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

**Laboratory note:** The estimated concentration of the unknown peak in sample is 7.35%. 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 (+)-8 or d9-THC. At this time there are no reference standards available for (+)-8-THC. d9-THC is a diastereomer from the main (+)-8-THC cannabinoid and they are separated by these two compounds may have different properties and techniques available. The separation of (+)-8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and d9-THC with the majority. If not all, of the concentration being (+)-8-THC. Total (+/-) D8 Concentration is estimated to be: 53.45%.

Analized Jan 09, 2025 | Instrument HPLC Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinavin (11-Hyd- $\Delta^8$ -THCV)	0.013	0.041	ND	ND
Cannabidiolin (CBDO)	0.002	0.007	ND	ND
Abnormal Cannabidiolin (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -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
$\Delta^8$ -tetrahydrocannabivarin ( $\Delta^8$ -THCV)	0.021	0.064	ND	ND
Tetrahydrocannabinutol ( $\Delta^9$ -THCB)	0.013	0.038	ND	ND
Cannabinol (CBN)	0.001	0.16	0.86	8.59
Cannabidiphrol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.016	0.8	ND	ND
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	ND	ND
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	75.87	758.72
(6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )	0.015	0.16	ND	ND
Hexahydrocannabinol (S isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )	0.007	0.16	ND	ND
Hexahydrocannabinol (R isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.32	3.18
$\Delta^9$ -Tetrahydrocannabihexol ( $\Delta^9$ -THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBVAc)	0.014	0.043	ND	ND
$\Delta^9$ -Tetrahydrocannabiphrol ( $\Delta^9$ -THCP)	0.017	0.16	ND	ND
$\Delta^8$ -Tetrahydrocannabiphrol ( $\Delta^8$ -THCP)	0.041	0.16	ND	ND
$\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THCO)	0.076	0.16	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND
$\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THCO)	0.666	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
3-octyl- $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THC-C8)	0.067	0.204	ND	ND
Total THC ( THCA + 0.877 + $\Delta^9$ THC )			ND	ND
Total THC + $\Delta^8$ THC + $\Delta^{10}$ THC ( THCA + 0.877 + $\Delta^9$ THC + $\Delta^8$ THC + $\Delta^{10}$ THC )			76.15	761.51
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			77.05	770.49

## Analyzed Jan 20, 2025 | Instrument ICP/MSMS | Method SOP-005

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
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	Lead (Pb)	1.0e-05	0.00125	0.02	0.5

## Analyzed Jan 09, 2025 | Instrument qPCR and/or Plating | Method SOP-007

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

UI Not Identified  
 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



Scan the QR code to verify authenticity

Authorized Signature

Brandon Stark

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