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QA Testing



PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Acc. L17-427-1#85368

Sample CANNA AID THCA BLEND

Sample ID SD230907-068 (8425)
Tested for Alternative Health Distribution 105 Oakpark Dr Suite A Mooresville, NC 28115
Sampled - Received Sep 07, 2023
Analyst executed CANX

Matrix Concentrate (Inhalable Cannabis Good)
Reported Sep 08, 2023

Low-level, very low-level, or undetectable concentration of the unknown peak(s) in this sample is (are) 0.05%. Currently, PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to reference peaks with highly-concentrated (or products) from which we believe to be either (+)-δ⁹-THC or (-)-δ⁹-THC. At this time there are no reference standards available for (+)-δ⁹-THC and (-)-δ⁹-THC and, therefore, these two compounds may have different references. Using the most advanced instruments and techniques available, the separation of (+)-δ⁹-THC and (-)-δ⁹-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-δ⁹-THC and (-)-δ⁹-THC with the majority, if not all, of the concentration being (+)-δ⁹-THC. Total (+/-) Δ⁹-THC concentration is estimated to be: 0.05%

CANX - Cannabinoids Analysis

Analyzed Sep 08, 2023 | Instrument HPLC-VWD | Method

The expanded Uncertainty of the Cannabinoid analysis is approximately 9.806% at the 95% Confidence Level

Analyte

11-Hydroxy-Δ⁸-Tetrahydrocannabinol (11-Hyd-Δ⁸-THCV)

Cannabidiol (CBD)

Abnormal Cannabidiol (α-CBDO)

(+/-)-9^b-Hydroxy-Tetrahydrocannabinol (9^b-HHCB)11-Hydroxy-Δ⁸-Tetrahydrocannabinol (11-Hyd-Δ⁸-THC)

Cannabidiolic Acid (CBDA)

Cannabigerol Acid (CBGA)

Cannabigerol (CBG)

Cannabidiol (CBD)

1(S)-THD (s-THD)

1(R)-THD (r-THD)

Tetrahydrocannabinol (THCV)

Δ⁸-tetrahydrocannabinol (Δ⁸-THCV)

Cannabidivarin (CBDV)

Tetrahydrononadecanotol (Δ⁹-THCB)

Cannabidiol (CBN)

Cannabidiphorol (CBDP)

exo-THC (exo-THC)

Tetrahydronocannabinol (Δ⁹-THC)Δ⁸-tetrahydronocannabinol (Δ⁸-THC)(δ⁹-THC)-Δ¹⁰-Tetrahydronocannabinol ((6aR,9S)-Δ¹⁰)Hexahydrocannabinol (S isomer) (9^s-HHC)(δ⁹-THC)-Δ¹⁰-Tetrahydronocannabinol ((6aR,9R)-Δ¹⁰)Hexahydrocannabinol (R isomer) (9^r-HHC)

Tetrahydronocannabinol Acid (THCA)

Δ⁹-Tetrahydronocannabinol (Δ⁹-THCH)

Cannabitor Acetate (CBNO)

Δ⁹-Tetrahydronocanophorol (Δ⁹-THCP)Δ⁸-Tetrahydronocanophorol (Δ⁸-THCP)

Cannabidivarin (CBDV)

Δ⁸-THC-O-acetate (Δ⁸-THCO)9^(S)-HHCP (s-HHCP)Δ⁹-THC-O-acetate (Δ⁹-THCO)9^(R)-HHCP (r-HHCP)9^(S)-HHCO-O-acetate (s-HHCO)9^(R)-HHCO-O-acetate (r-HHCO)3-octyl-Δ⁹-Tetrahydronocannabinol (Δ⁹-THC-C₈)Δ⁹-THC methyl ether (δ⁹-MeO-THC)Total THC (THC_c = 0.877 + Δ⁹THC)Total THC = Δ⁸THC + Δ⁹THC; (THC_c = 0.877 + Δ⁹THC + Δ⁸THC + Δ¹⁰THC)Total CBD (CBD_c = 0.877 + CBD)Total CBG (CBG_c = 0.877 + CBG)Total HHC (9^(S)-HHC + 9^(R)-HHC)

Total Cannabinoids

	LOQ mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy-Δ ⁸ -Tetrahydrocannabinol (11-Hyd-Δ ⁸ -THCV)	0.013	0.041	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND
Abnormal Cannabidiol (α-CBDO)	0.01	0.031	ND	ND
(+/-)-9 ^b -Hydroxy-Tetrahydrocannabinol (9 ^b -HHCB)	0.012	0.036	ND	ND
11-Hydroxy-Δ ⁸ -Tetrahydrocannabinol (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
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND
Δ ⁸ -tetrahydrocannabinol (Δ ⁸ -THCV)	0.021	0.064	ND	ND
Cannabidivarin (CBDV)	0.005	0.16	ND	ND
Tetrahydrononadecanotol (Δ ⁹ -THCB)	0.013	0.038	ND	ND
Cannabidiol (CBN)	0.001	0.16	0.82	8.24
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydronocannabinol (Δ ⁹ -THC)	0.005	0.16	UI	UI
Δ ⁸ -tetrahydronocannabinol (Δ ⁸ -THC)	0.004	0.16	60.51	605.10
(δ ⁹ -THC)-Δ ¹⁰ -Tetrahydronocannabinol ((6aR,9S)-Δ ¹⁰)	0.015	0.16	ND	ND
Hexahydrocannabinol (S isomer) (9 ^s -HHC)	0.017	0.16	ND	ND
(δ ⁹ -THC)-Δ ¹⁰ -Tetrahydronocannabinol ((6aR,9R)-Δ ¹⁰)	0.007	0.16	ND	ND
Hexahydrocannabinol (R isomer) (9 ^r -HHC)	0.016	0.16	ND	ND
Tetrahydronocannabinol Acid (THCA)	0.001	0.16	28.18	281.75
Δ ⁹ -Tetrahydronocanobehol (Δ ⁹ -THCH)	0.024	0.071	ND	ND
Cannabitor Acetate (CBNO)	0.014	0.043	ND	ND
Δ ⁹ -Tetrahydronocanophorol (Δ ⁹ -THCP)	0.007	0.16	0.74	7.38
Δ ⁸ -Tetrahydronocanophorol (Δ ⁸ -THCP)	0.041	0.16	1.14	11.38
Cannabidivarin (CBDV)	0.005	0.16	ND	ND
Δ ⁸ -THC-O-acetate (Δ ⁸ -THCO)	0.076	0.16	ND	ND
9 ^(S) -HHCP (s-HHCP)	0.031	0.094	ND	ND
Δ ⁹ -THC-O-acetate (Δ ⁹ -THCO)	0.066	0.16	ND	ND
9 ^(R) -HHCP (r-HHCP)	0.026	0.079	ND	ND
9 ^(S) -HHCO-O-acetate (s-HHCO)	0.008	0.16	ND	ND
9 ^(R) -HHCO-O-acetate (r-HHCO)	0.008	0.025	ND	ND
3-octyl-Δ ⁹ -Tetrahydronocannabinol (Δ ⁹ -THC-C ₈)	0.067	0.204	ND	ND
Δ ⁹ -THC methyl ether (δ ⁹ -MeO-THC)			NT	NT
Total THC (THC _c = 0.877 + Δ ⁹ THC)			24.71	247.09
Total THC = Δ ⁸ THC + Δ ⁹ THC; (THC _c = 0.877 + Δ ⁹ THC + Δ ⁸ THC + Δ ¹⁰ THC)			85.22	852.19
Total CBD (CBD _c = 0.877 + CBD)			ND	ND
Total CBG (CBG _c = 0.877 + CBG)			ND	ND
Total HHC (9 ^(S) -HHC + 9 ^(R) -HHC)			ND	ND
Total Cannabinoids			87.92	879.19

UI Unidentified

ND Not Detected

N/A Not Applicable

MT Minimum Detection

LOD Limit of Detection

LOQ Limit of Quantification

>LOQ Above the noise line of recovery

GTG Total Gained Units per 1 gram

TN Too Numerous to Count



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Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager

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