PharmLabs San Diego Certificate of Analysis

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LOQ mg/g

Sample Blueberry

Sample ID SD230112-049 (59704)		Matrix Tincture (Other	Cannabis Good)	
Tested for Trippy				
Sampled -	Received Jan 12, 2023		Reported Jan 13, 2023	
Analyses executed CANX		Unit Volume (mL) 30.0	Density (g/mL) 1.0	

Laboratory note: The estimated concentration of the unknown peak in the sample is 5.3 mg/mL | 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 (+)48-THC or db-THC. At this time there are no reference standards available for (+)48-THC (s) different compound from the main (+)48-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)48-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 with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 36.66 mg/mL.

CANX - Cannabinoids Analysis

Analyzed Jan 13, 2023 | Instrument HLPC Measurement Uncertainty at 95% confidence7.806%

11-Hydroxy- Δ 8-Tetrahydrocannabivarin (11-Hyd- Δ 8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	NT	NT	NT
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	3.67	36.66	1099.80
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	NT	NT	NT
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND

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

Δ9-THC-O-acetate (Δ9-THCO)

9(S)-HHC-O-acetate (s-HHCO)

 Δ 9-THC methyl ether (Δ 9-MeO-THC)

Total THC (THCa * 0.877 + Δ 9THC)

Total CBD (CBDa * 0.877 + CBD)

Total CBG (CBGa * 0.877 + CBG)

Total HHC (9r-HHC + 9s-HHC)

Total Cannabinoids

3-octul-Δ8-Tetrahudrocannabinol (Δ8-THC-C8)

Total THC + \triangle 8THC + \triangle 10THC (THCa * 0.877 + \triangle 9THC + \triangle 8THC + \triangle 10THC)

9(R)-HHCP (r-HHCP)









0.066

0.026

0.005

0.067

0.16

0.079

0.16

0.204

ND

ND

NT

ND

NT

ND

3.67

ND

ND

ND

ND

ND

ND

36.66

ND

ND

ND

ND

NT

ND

NT

ND

1099.80

ND

ND

ND

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 13 Jan 2023 12:59:33 -0800



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Sample Watermelon

Sample ID SD230112-050 (59705)	Matrix Tincture (Other Cannabis Good)			
Tested for Trippy				
Sampled -	Received Jan 12, 2023		Reported Jan 13, 2023	
Analyses executed CANX		Unit Volume (mL) 30.0	Density (g/m	L) 1.0

Laboratory note: The estimated concentration of the unknown peak in the sample is 5.2 mg/mL | 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 (+)48-THC or 18-THC. At this time there are no reference standards available for (+)48-THC is a different compound from the main (+)48-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques avoidable, the separation of (+)48-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)48-THC with the majority, if not all, of the concentration being (+)48-THC. Total (+/-)

CANX - Cannabinoids Analysis

Analyzed Jan 13, 2023 | Instrument HLPC Measurement Uncertainty at 95% confidence7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/mL	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
1-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
annabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
etrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
.8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	NT	NT	NT
etrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
annabinol (CBN)	0.001	0.16	ND	ND	ND
annabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
xo-THC (exo-THC)	0.005	0.16	ND	ND	ND
etrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	3.61	36.12	1083.63
aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND
exahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND
aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
exahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND
etrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND
annabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
annabicitran (CBT)	0.005	0.16	NT	NT	NT
8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND
(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	NT	NT	NT
octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND
9-THC methyl ether (Δ9-MeO-THC)			NT	NT	NT
otal THC (THCa * 0.877 + Δ9THC)			ND	ND	ND
otal THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			3.61	36.12	1083.63
otal CBD (CBDa*0.877 + CBD)			ND	ND	ND
otal CBG (CBGa * 0.877 + CBG)			ND	ND	ND
otal HHC (9r-HHC + 9s-HHC)			ND	ND	ND
Total Cannabinoids			3.61	36.12	1083.63

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 13 Jan 2023 13:00:52 -0800



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Sample Lemon

Sample ID SD230112-051 (59706)		Matrix Tincture (Other	er Cannabis Good)	
Tested for Trippy				
Sampled -	Received Jan 12, 2023		Reported Jan 13, 2023	
Analuses executed CANX		Unit Volume (mL) 30.0	Densitu (q/mL) 1.0	

Laboratory note: The estimated concentration of the unknown peak in the sample is 4.91 mg/mL | Currently PharmLobs 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 (+)08-THC or 09-THC. At this time there are no reference standards available for (+)08-THC (+)08-THC is a different compound from the main (-)08-THC cannabinoid and, therefore, these two compounds may have different efficacles. Using the most advanced instruments and techniques available, the separation of (+)08-THC and 09-THC with the majority, if not all, of the concentration being (+)08-THC. Total (+/-) D8 Concentration in estimated to be 34.44 mg/mL.

CANX - Cannabinoids Analysis

Analyzed Jan 13, 2023 | Instrument HLPC

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/mL	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
I-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
annabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
annabigerol (CBG)	0.001	0.16	ND	ND	ND
annabidiol (CBD)	0.001	0.16	ND	ND	ND
S)-THD (s-THD)	0.013	0.041	ND	ND	ND
R)-THD (r-THD)	0.025	0.075	ND	ND	ND
etrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
s8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
annabidihexol (CBDH)	0.005	0.16	NT	NT	NT
etrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
annabinol (CBN)	0.001	0.16	ND	ND	ND
annabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
xo-THC (exo-THC)	0.005	0.16	ND	ND	ND
etrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	3.44	34.44	1033.32
aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND
exahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND
iaR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
exahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND
etrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND
annabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
annabicitran (CBT)	0.005	0.16	NT	NT	NT
8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND
(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	NT	NT	NT
-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND
9-THC methyl ether (Δ9-MeO-THC)			NT	NT	NT
otal THC (THCa * 0.877 + Δ9THC)			ND	ND	ND
otal THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			3.44	34.44	1033.32
otal CBD (CBDa * 0.877 + CBD)			ND	ND	ND
otal CBG (CBGa * 0.877 + CBG)			ND	ND	ND
otal HHC (9r-HHC + 9s-HHC)			ND	ND	ND
otal Cannabinoids			3.44	34.44	1033.32

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 13 Jan 2023 13:03:34 -0800

