**SD**Pharm**Labs** 

## PharmLabs San Diego Certificate of Analysis

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

### Sample D9 French Toast Bar



## CAN+ - Cannabinoids Analysis

Analyzed Aug 10, 2023 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathbf{g}\$.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Cannabidivarin (CBDV)	0.039	0.16	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
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.19	1.90	125.11
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.07	0.73	48.07
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
Total THC ( THCa * 0.877 + $\Delta$ 9THC )			0.19	1.90	125.11
Total THC + $\triangle$ 8THC ( THCa * 0.877 + $\triangle$ 9THC + $\triangle$ 8THC )			0.26	2.63	173.17
Total CBD ( CBDa * 0.877 + CBD )			ND	ND	ND
Total CBG ( CBGa * 0.877 + CBG )			ND	ND	ND
Total Cannabinoids			0.26	2.63	173.17



UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<.QO Detected
>ULOL 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 Thu, 10 Aug 2023 10:16:57 -0700



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### Sample D9 French Toast Bar



Sample ID SD230725-042 (81627)		Matrix Edible (Other Cannabis Good)
Tested for River Bluff CBD		
Sampled -	Received Jul 24, 2023	Reported Aug 02, 2023
Analyses executed FP-NI20		Unit Mass (g) 70.046

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.09% | 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 is o different compound from the main (-)d8-THC cannobinoid and, therefore, these two compounds may have different efficacies. 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 with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 0.29%

#### CANX - Cannabinoids Analysis

Analyzed Aug 02, 2023 | Instrument HPLC-VWD | Method
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\frac{\pi}{2}.806\% at the 95\% Confidence Level

11-Hydroxy-Δ8-Tetrohydrocannabivarin (11-Hyd-Δ8-THCV)	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Abnormal Cannabidiorcin (α-CBDO)   0.01   0.031   ND   ND   ND	11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)         0.012         0.056         ND         ND         ND           11-Hydroxy-Δ8-Tetrahydrocannobinol (11-Hyd-Δ8-THC)         0.007         0.021         ND         ND         ND           Cannabidolic Acid (CBDA)         0.001         0.16         ND         ND         ND           Cannabidgerol Acid (CBGA)         0.001         0.16         ND         ND         ND           Cannabidgerol (CBG)         0.001         0.16         ND         ND         ND           (S)-THD (S-THD)         0.013         0.041         ND         ND         ND           (R)-THD (Y-THD)         0.025         0.075         ND         ND         ND           A8-tetrahydrocannabivarin (THCV)         0.001         0.16         ND         ND         ND           A8-tetrahydrocannabivarin (A8-THCV)         0.021         0.064         ND         ND         ND           Cannabidiewol (CBDH)         0.005         0.16         ND         ND         ND         ND           Cannabidiewol (GBH)         0.005         0.16         ND	Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND
Ti-Hydroxy-Δ8-Tetrahydrocannabinol (Ti-Hyd-Δ8-THC)	Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND
Cannabidolic Acid (CBDA)         0.001         0.16         ND         ND         ND           Cannabigerol Acid (CBGA)         0.001         0.16         ND	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND
Cannabigerol Acid (CBGA)	11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND
Cannabidierol (CBG)	Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
I(S)-THD (s-THD)         0.013         0.041         ND         ND         ND           I(R)-THD (r-THD)         0.025         0.075         ND         ND<	Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
1(R)-THD (r-THD)         0.025         0.075         ND         ND         ND           Tetrahydrocannabivarin (Δβ-THCV)         0.001         0.16         ND         ND         ND           Δβ-tetrahydrocannabivarin (Δβ-THCV)         0.021         0.064         ND         ND         ND           Cannabidilhexol (CBDH)         0.005         0.16         ND         ND         ND           Tetrahydrocannabutol (Δ9-THCB)         0.001         0.06         0.08         ND         ND         ND           Cannabidilphorol (CBDP)         0.005         0.16         ND	Cannabidiol (CBD)	0.001	0.16	ND	ND	ND
Tetrahydrocannabivarin (THCV)  Δ8-tetrchydrocannabivarin (Δ8-THCV)  Δ9-tetrchydrocannabivarin (Δ8-THCV)  Δ9-tetrchydrocannabivarin (Δ8-THCV)  Δ9-tetrchydrocannabivarin (Δ8-THCV)  Δ9-tetrchydrocannabivarin (Δ9-THCB)  Δ9-tetrchydrocannabivarin (Δ9-THCB)  Δ9-tetrchydrocannabivarin (Δ9-THCB)  Δ9-tetrchydrocannabivarin (Δ9-THCC)  Δ9-tetrchydrocannabivarin (Δ9-THC)  Δ9-tetrahydrocannabivarin (Δ9-THCH)  Δ9-tetrahydrocannabivarin (Δ9-THCP)  Δ9-tetrahydrocannabivarin (Δ9-T	1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)         0.021 0.064 ND ND ND ND           Cannabidilhexal (CBDH)         0.005 0.16 ND ND ND ND           Tetrahydrocannabutol (Δ9-THCB)         0.013 0.038 ND ND ND ND           Cannabidilphorol (CBDP)         0.015 0.047 ND ND ND           Cannabidilphorol (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           48-tetrahydrocannabinol (Δ8-THC)         0.004 0.16 0.29 2.90 203.13           (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,9S)-Δ10-Tetrahydrocannabinol (6aR,9R)-Δ10)         0.017 0.16 ND ND ND           Hexahydrocannabinol (F Isomer) (9r-HHC)         0.016 ND ND ND ND           (6aR,9S)-Δ10-Tetrahydrocannabinol (6aR,9R)-Δ10)         0.007 0.16 ND ND ND           1 Tetrahydrocannabinol (R Isomer) (9r-HHC)         0.016 ND ND ND ND           2 Tetrahydrocannabinol (R Isomer) (9r-HHC)         0.016 ND ND ND ND           2 Ay-Tetrahydrocannabinol (Ay-THCH)         0.024 0.071 ND ND ND ND           2 Ay-Tetrahydrocannabinol (Ay-THCH)         0.024 0.071 ND	1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
Cannabidihexol (CBDH)   0.005   0.16   ND   ND   ND   Tetrahydrocannaburol (Δ9-THCB)   0.013   0.038   ND   ND   ND   Cannabinol (CBN)   0.001   0.16   0.00   0.02   1.40   Cannabidiphorol (CBDP)   0.015   0.047   ND   ND   ND   Exo-THC (exo-THC)   0.005   0.16   ND   ND   ND   Exo-THC (exo-THC)   0.003   0.16   ND   ND   ND   Tetrahydrocannabinol (Δ8-THC)   0.003   0.16   ND   ND   ND   Exo-THC (exo-THC)   0.003   0.16   ND   ND   ND   Exo-THC (exo-THC)   0.003   0.16   ND   ND   ND   Exo-THC (exo-THC)   0.004   0.16   0.29   2.90   203.13   (66R,9S)-Δ10-Tetrahydrocannabinol ((66R,9S)-Δ10)   0.015   0.16   ND   ND   ND   Hexahydrocannabinol (S Isomer) (9s-HHC)   0.017   0.16   ND   ND   ND   Hexahydrocannabinol (S Isomer) (9r-HHC)   0.016   0.16   ND   ND   ND   Hexahydrocannabinol (R Isomer) (9r-HHC)   0.016   0.16   ND   ND   ND   Tetrahydrocannabinol (A (39-THCH)   0.016   0.16   ND   ND   ND   Δ9-Tetrahydrocannabinexol (Δ9-THCH)   0.024   0.071   ND   ND   ND   Δ9-Tetrahydrocannabinexol (Δ9-THCH)   0.014   0.043   ND   ND   ND   Δ8-Tetrahydrocannabiphorol (Δ9-THCP)   0.017   0.16   ND   ND   ND   Δ8-Tetrahydrocannabiphorol (Δ8-THCP)   0.017   0.16   ND   ND   ND   Δ8-THC-O-acetate (Δ8-THCO)   0.066   0.16   ND   ND   ND   Δ8-THC-O-acetate (Δ8-THCO)   0.066   0.16   ND   ND   ND   Δ8-THC-O-acetate (Δ9-THCO)   0.066   0.16   ND   ND   ND   Q(S)-HHCP (s-HHCP)   0.025   0.079   ND   ND   ND   Q(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND   ND   Q(S)-HHCP (s-HHCO)   0.066   0.16   ND   ND   ND   Q(S)-HHCP (s-HHCO)   0.066   0.16   ND   ND   ND   Q(S)-HHC-O-acetate (x-HHCO)   0.066   0.16   ND   ND	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND
Cannabinol (CBN)         0.001         0.16         0.00         0.02         1.40           Cannabidiphorol (CBDP)         0.015         0.047         ND         ND         ND           exo-THC (exo-THC)         0.005         0.16         ND         ND         ND           Eterhalydrocannabinol (Δ9-THC)         0.003         0.16         UI         U	Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND
Cannabidiphorol (CBDP)         0.015         0.047         ND         ND         ND           exo-THC (exo-THC)         0.005         0.16         ND         <	Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND
exo-THC (exo-THC)         0.005         0.16         ND         ND         ND           Tetrahydrocannabinol (Δ9-THC)         0.003         0.16         UI	Cannabinol (CBN)	0.001	0.16	0.00	0.02	1.40
Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI UI Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 0.29 2.90 203.13 (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) 0.015 0.16 ND	Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC)         0.004         0.16         0.29         2.90         203.13           (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)         0.015         0.16         ND         ND         ND           (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)         0.007         0.16         ND         ND         ND           (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)         0.007         0.16         ND         ND         ND           Hexahydrocannabinol (Resmer) (9r-HHC)         0.016         0.16         ND         ND         ND           Letrahydrocannabinel Acid (THCA)         0.001         0.16         ND         ND         ND           A9-Tetrahydrocannabihevol (Δ9-THCH)         0.024         0.071         ND         ND         ND           Cannabinol Acetate (CBNO)         0.017         0.16         ND         ND         ND           A9-Tetrahydrocannabiphorol (Δ9-THCP)         0.017         0.16         ND         ND         ND           Δ8-Tetrahydrocannabiphorol (Δ8-THCP)         0.017         0.16         ND         ND         ND           Cannabiolitran (CBT)         0.005         0.16         ND         ND         ND           Cannabiolitran (CBT)         0.005	exo-THC (exo-THC)	0.005	0.16	ND	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)         0.015         0.16         ND         ND         ND           Hexahydrocannabinol (S Isomer) (9s-HHC)         0.017         0.16         ND	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
Hexahydrocannabinol (S Isomer) (9s-HHC)         0.017 0.16 ND ND ND         ND ND           (6aR, RP)-Δ10-Tetrahydrocannabinol (6aR, RP)-Δ10)         0.007 0.16 ND ND ND         ND ND ND           Hexahydrocannabinol (R Isomer) (9r-HHC)         0.016 0.16 ND ND ND         ND ND           Δ9-Tetrahydrocannabinol (Acid (THCA)         0.001 0.16 ND ND ND         ND ND           Δ9-Tetrahydrocannabinol (Δ9-THCH)         0.024 0.071 ND ND ND ND         ND ND ND           Cannabicol Acetate (CBNO)         0.014 0.043 ND	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.29	2.90	203.13
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)         0.007         0.16         ND         ND         ND           Hexahydrocannabinol (R Isomer) (9r-HHC)         0.016         0.16         ND	(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	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-Tetrahydrocannabineval (Δ9-THCH)         0.024         0.071         ND         ND         ND           Δ9-Tetrahydrocannabiphorol (Δ9-THCP)         0.017         0.16         ND         ND         ND           Δ9-Tetrahydrocannabiphorol (Δ8-THCP)         0.017         0.16         ND         ND         ND           Δ8-Tetrahydrocannabiphorol (Δ8-THCP)         0.041         0.16         ND         ND         ND           Δ8-Tetrahydrocannabiphorol (Δ8-THCP)         0.041         0.16         ND         ND         ND           Δ8-Tetrahydrocannabiphorol (Δ8-THCP)         0.005         0.16         ND         ND         ND           Δ8-THC-O-acetate (Δ8-THCO)         0.076         0.16         ND         ND         ND           Δ9-THC-O-acetate (Δ9-THCO)         0.066         0.16         ND         ND         ND           Δ9-THC-O-acetate (Δ9-THCO)         0.066         0.16         ND         ND         ND           Θ(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND<	Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)         0.001         0.16         ND         ND         ND           Δ9-Tetrahydrocannabihevol (Δ9-THCH)         0.024         0.071         ND	(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)         0.024         0.071         ND         ND         ND           Cannabional Acetate (CBNO)         0.014         0.043         ND	Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	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           Δ8-THC-O-acetate (Δ8-THCO)         0.05         0.16         ND         ND         ND           Δ8-THC-O-acetate (Δ8-THCO)         0.031         0.094         ND         ND         ND           9(S)-HHCP (s-HHCP)         0.031         0.094         ND         ND         ND           9(R)-HHCP (r-HHCP)         0.026         0.079         ND         ND         ND           9(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND         ND         ND           9(S)-HHC-O-acetate (r-HHCO)         0.005         0.16         ND         ND         ND           9(S)-HHC-O-acetate (r-HHCO)         0.005         0.16         ND         ND         ND           9(S)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND <td>Tetrahydrocannabinolic Acid (THCA)</td> <td>0.001</td> <td>0.16</td> <td>ND</td> <td>ND</td> <td>ND</td>	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	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         ND         ND         ND         ND           Δ8-THC-O-cacetate (Δ8-THCO)         0.076         0.16         ND         ND         ND           9(S)-HHCP (s-HHCP)         0.031         0.094         ND         ND         ND           Δ9-THC-O-acetate (Δ9-THCO)         0.066         0.16         ND         ND         ND           9(R)-HHCP (r-HHCP)         0.026         0.079         ND         ND         ND           9(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-cctll-Ba-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT         N	Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)  Q. 0.41 0.16 ND ND ND Cannabicitran (CBT)  Q. 0.05 0.16 ND ND ND A8-THC-O-acetate (Δ8-THCO)  Q. 0.076 0.16 ND ND ND ND Q(S)-HHCP (s-HHCP)  Q. 0.05 0.16 ND ND ND ND Q(S)-HHCP (s-HHCP)  Q. 0.06 0.16 ND ND ND ND Q(S)-HHCP (s-HHCP)  Q. 0.06 0.16 ND ND ND ND Q(S)-HHC-O-acetate (Δ9-THCO)  Q. 0.06 0.16 ND ND ND ND Q(S)-HHC-O-acetate (s-HHCO)  Q. 0.05 0.16 ND ND ND ND Q(S)-HHC-O-acetate (r-HHCO)  Q. 0.05 0.16 ND ND ND ND Q(S)-HHC-O-acetate (r-HHCO)  Q. 0.05 0.16 ND ND ND ND ND Q(S)-HHC-O-acetate (r-HHCO)  Q. 0.06 0.079 ND ND ND ND ND Total THC (T-HG * 0.877 + Δ9THC )  Total CBG (CBG * 0.877 + CBG )  ND ND ND ND Total CBG (CBG * 0.877 + CBG )  ND N	Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
Connabicitron (CBT)         0.005         0.16         ND         ND         ND           Δ8-THC-O-acetate (Δ8-THCO)         0.076         0.16         ND	Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND
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 0-7HC-O-acetate (Δ9-THCO) 0.066 0.16 ND ND ND 9(R)-HHCP (r-HHCP) 0.026 0.079 ND ND ND 9(R)-HHC-O-acetate (ε-HHCO) 0.005 0.16 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.008 0.025 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.008 0.025 ND ND ND 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.067 0.204 ND ND ND 3-ottyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) ND ND ND 0-7HC methyl ether (Δ9-MeO-THC) NT NT NT Total THC ( THCa * 0.877 + Δ9THC ) ND ND ND Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC ) 0.29 2.90 203.13 Total CBG ( CBGa * 0.877 + CBG ) ND ND ND Total THC ( 9r-HHC+ 9s-HHC ) ND ND	Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND
9(S)-HHCP (s-HHCP)         0.031         0.094         ND         ND         ND           Δ9-THC-O-acetate (Δ9-THCO)         0.066         0.16         ND         ND         ND           9(R)-HHCP (r-HHCP)         0.026         0.079         ND         ND         ND           9(S)-HHC-O-acetate (s-HHCO)         0.008         0.025         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT         NT           Total THC (THCa *0.877 * 49THC)         ND         ND         ND         ND         ND           Total THC *ABTHC * Δ10THC (THCa *0.877 * Δ9THC + Δ8THC + Δ10THC)         *         0.29         290         203.13           Total CBG (CBGa *0.877 * CBG)         ND         ND         ND         ND           Total CBG (CBGa *0.877 * CBG)         ND         ND         ND           Total CHC (**PHHC*)**-HHC**-**         ND         ND         ND	Cannabicitran (CBT)	0.005	0.16	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)         0.066         0.16         ND         ND         ND           9(R)-HHCP (r-HHCP)         0.026         0.079         ND         ND         ND           9(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-cctlyl-88-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT         NT           Total THC (THCa *0.877 + Δ9THC)         ND         ND         ND         ND         ND           Total CHC + Δ8THC + Δ10THC (THCa *0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           Total CBG (CBGa *0.877 + CBG)         ND         ND         ND           Total CBG (CBGa *0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHCC *9s-HHC)         ND         ND         ND	Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND
9(R)-HHCP (r-HHCP)         0.026         0.079         ND         ND         ND           9(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-cottyl-Δ8-Tetrahydrocanabinol (Δ8-THC-C8)         0.00         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT           Total THC ( THCa * 0.877 + Δ9THC )         ND         ND         ND           Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)         ND         ND         ND           Total CBG ( CBGa * 0.877 + CBG)         ND         ND         ND           Total CBG ( CBGa * 0.877 + CBG)         ND         ND         ND           Total HHC ( 9r-HHCC * 9s-HHC)         ND         ND         ND	9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)         0.005         0.16         ND         ND         ND           9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND	Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)         0.008         0.025         ND         ND         ND           3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT           Total THC (THCa *0.877 + Δ9THC)         ND         ND         ND           Total THC + Δ8THC + Δ10THC (THCa *0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           Total CBD (CBDa *0.877 + CBD)         ND         ND         ND           Total CBG (CBGa *0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHC+ 9s-HHC)         ND         ND         ND	9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)         0.067         0.204         ND         ND         ND           Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT         NT           Total THC (THCa *0.877 + Δ9THC)         ND         ND         ND           Total THC + Δ8THC + Δ10THC (THCa *0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           Total CBD (CBDa *0.877 + CBD)         ND         ND         ND           Total CBG (CBGa *0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHC+ 9s-HHC)         ND         ND         ND	9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC)         NT         NT         NT           Total THC (THCa *0.877 + Δ9THC)         ND         ND         ND           Total THC + Δ8THC + Δ10THC (THCa *0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           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	9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND
Total THC ( THCa * 0.877 + Δ9THC )         ND         ND         ND           Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )         0.29         2.90         20.313           Total CBD ( C8Da * 0.877 + C8D )         ND         ND         ND           Total CBG ( C8Ga * 0.877 + C8G )         ND         ND         ND           Total HHC ( 9r-HHC + 9s-HHC )         ND         ND         ND	3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           Total CBD (CBDa * 0.877 + CBD)         ND         ND         ND           Total CBG (CBGa * 0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHC + 9s-HHC)         ND         ND         ND	Δ9-THC methyl ether (Δ9-MeO-THC)			NT	NT	NT
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)         0.29         2.90         203.13           Total CBD (CBDa * 0.877 + CBD)         ND         ND         ND           Total CBG (CBGa * 0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHC + 9s-HHC)         ND         ND         ND				ND	ND	ND
Total CBD (CBDa ` 0.877 + CBD )         ND         ND         ND           Total CBG (CBGa ` 0.877 + CBG )         ND         ND         ND           Total HHC ( 9r-HHC + 9s-HHC )         ND         ND         ND				0.29	2.90	203.13
Total CBG (CBGa * 0.877 + CBG)         ND         ND         ND           Total HHC (9r-HHC + 9s-HHC)         ND         ND         ND						
Total HHC (9r-HHC + 9s-HHC) ND ND ND						
	· · · · · · · · · · · · · · · · · · ·					
				0.29	2.92	204.53



## **HME - Heavy Metals Analysis**

Analyzed 301 20, 2023   Instrument let / Mario   Method 301 00	,,			
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	0.01	1.5
Cadmium (Cd)	3.0e-05	0.0005	0.00	0.5
Mercury (Hg)	1.0e-05	0.0001	ND	3
Lead (Pb)	1.0e-05	0.00125	0.01	0.5
Nickel (Ni)	0.0006	0.0019	NT	

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
-(LOQ Detected VIU.QL Above upper limit of linearity
CEVI/Q Colony Forming Units per 1 gram
TNTC Too Numerous to Count

Pharm/Ware CANNABIS LABORATORY LIMS & ELN









Brandon Starr



Brandon Starr, Lab Manager Wed, 02 Aug 2023 16:19:43 -0700

Authorized Signature

## MIBNIG - Microbial Analysis

Analyzed Jul 27, 2023 | Instrument Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producina Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram

# MTO - Mycotoxin Analysis

Analyzed Jul 31, 2023 | 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
<.QO Detected
>ULOL 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 Wed, 02 Aug 2023 16:19:43 -0700



# PES - Pesticides Analysis

Analuzed Jul 31	2027	Instrument LC/N	ACMC CC/MCMC	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	Thiachloprid	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	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.3
Acephate	0.02	0.05	ND	5	Acetamiprid	0.01	0.05	ND	5
Azoxystrobin	0.01	0.02	ND	40	Bifenazate	0.01	0.05	ND	5
Bifenthrin	0.02	0.35	ND	0.5	Boscalid	0.01	0.03	ND	10
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40
Clofentezine	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2
Dimethomorph	0.02	0.06	ND	20	Etoxazole	0.01	0.05	ND	1.5
Fenpyroximate	0.02	0.1	ND	2	Flonicamid	0.01	0.02	ND	2
Fludioxonil	0.01	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
Imidacloprid	0.01	0.05	ND	3	Kresoxim-methyl	0.01	0.03	ND	1
Malathion	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15
Methomyl	0.02	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2
Permethrin	0.01	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2
Piperonyl Butoxide	0.02	0.06	ND	8	Propiconazole	0.03	0.08	ND	20
Prallethrin	0.02	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1
Pyridaben	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3
Spinosad D	0.01	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12
Spirotetramat	0.01	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2
Thiamethoxam	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30
Acequinocyl	0.02	0.09	ND	4	Captan	0.01	0.02	ND	5
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	1
Fenhexamid	0.02	0.07	ND	10	Spinetoram J,L	0.02	0.07	ND	3
Pentachloronitrobenzene	0.01	0.1	ND	0.2					

# **RES - Residual Solvents Analysis**

Analyzed Jul 28, 2023 | 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	3769.1	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	ND	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	ND		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 Jul 26, 2023 | 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 3q	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

## MWA - Moisture Content & Water Activity Analysis

Analyzed Jul 26, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyzed on ze, zeze   modernent enmed nimes ben point and expandence   nection of the								
Analyte	Result	Limit	Analyte	Result	Limit			
Moisture (Moi)	5.8 % Mw	13 % Mw	Water Activity (WA)	0.42 a	0.85 a			

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









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 02 Aug 2023 16:19:43 -0700

