PharmLabs San Diego Certificate of Analysis

Sample Sauce'd Exotic PB&J

Delta9 THC **5.48%** THCa **3.23%**

Total THC (THCa * 0.877 + THC) 8.31%

Delta8 THC **55.08%**



Sample ID SD240221-012 (91354)
Tested for Fresh Farms E-Liquid LLC Matrix Concentrate Sampled -Received Feb 20, 2024 Reported Feb 29, 2024 Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI, D9C Unit Mass (g) 4.0

Summary D9C: The total $\Delta 9$ -THC content in this sample is 5.48%. For the most accurate $\Delta 9$ -THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for $\Delta 8$ -THC and $\Delta 9$ -THC due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the $\Delta 9$ -THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation

Analyzed Feb 29, 2024 | Instrument GC MS/MS | Method SOP-041 D9C

The expanded Uncertainty of the D9 Confirmation analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD ppb	LOQ ppb	Result %	Result mg/g	Result mg/Unit
Δ 4(8)-iso-Tetrahydrocannabinol (Δ 4(8)-iso-THC)	1.198	3.632	6.65	66.53	266.12
Δ 9-Tetrahydrocannabinol (Δ 9-THC)	1.462	4.432	5.48	54.82	219.28
Total ∆9-THC			5.48	54.82	219.28
Total Cannabinoids Analyzed	-	-	12.13	121.35	485.40

CANx - Cannabinoids

Analyzed Feb 22, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Canabinoids analysis is approxim

Marging Mar	The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level					
Camabidistrian (CRDC) Abnormal Camabidior (G-CRDC) (グ-7) SR-hydricroy-tecohypticocamabinol (9t-HHC) (グ-7) SR-hydricroy-tecohypticocamabinol (9t-HHC) (グ-7) SR-hydricroy-tecohypticocamabinol (9t-HHC) (ののは、ののは、ののは、ののは、ののは、ののは、ののは、ののは、ののは、ののは	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Abnormatic Commebidicire (C-RIDO) (-FABO) (11-Hydroxy- Δ 8-Tetrahydrocannabivarin (11-Hyd- Δ 8-THCV)	0.013	0.041	ND	ND	ND
(γ-)-γ-β-β-μdrouy-Hexchaptoconnabinol (№H-HC) 0.015 0.045 ND ND ND 1-Hughrouy-8-8-Tetrahydroconnabinol (H-Hyd-8-HC) 0.013 0.045 ND ND ND Connabidolic Acid (CBGA) 0.033 0.16 ND ND ND Connabidolic (CBG) 0.049 0.04 ND ND ND Connabidolic (CBG) 0.09 0.029 ND ND ND Connabidolic (CBG) 0.00 0.029 ND ND ND (PG)-Tetrahydroconnabidol (VG)-H4-CBD) 0.01 0.049 ND ND ND V(PG)-Tetrahydroconnabidol (VG)-H4-CBD) 0.01 0.049 ND ND ND Eterahydroconnabidol (VG)-H4-CBD) 0.01 0.049 ND ND ND Connabidianeol (CBDH) 0.01 0.02 ND ND ND Eterahydroconnabidol (VG)-H4-CBD 0.01 0.01 ND ND ND Connabidianeol (CBDH) 0.01 0.02 0.01 ND N	Cannabidiorcin (CBDO)	0.006	0.02	ND	ND	ND
TH-Ight-Quan-Bat-Tetringuircoannabinol (II-Hyd-Δa-THC)	Abnormal Cannabidiorcin (a-CBDO)	0.013	0.038	ND	ND	ND
Camabidialic Acid (CBA)	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.015	0.045	ND	ND	ND
Cannabiger ol (CBGS) 0.033 0.16 ND ND ND Cannabiger (CBG) 0.048 0.16 ND ND ND Cannabiger (CBG) 0.069 0.229 ND ND ND (5) Tetrohydrocannobidol (IS)-H4-CBD) 0.016 0.074 ND ND ND Fetrohydrocannobidor (IFLY) 0.094 0.12 ND ND ND Selectoryldrocannobidor (IFLY) 0.01 0.01 0.02 ND ND ND Selectoryldrocannobidor (IFLY) 0.01 0.01 0.02 ND ND ND Selectoryldrocannobidor (IFLY) 0.01 0.01 0.02 ND ND ND Selectoryldrocannobidor (ISDH) 0.01 0.02 ND ND<	11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	ND
Connabigero (CEG) 0.048 0.16 ND ND ND Connabidio (CEG) 0.056 0.22 ND ND ND (R)- Tetrahydrocannabidiol ((S)-H4-CED) 0.008 0.02 ND ND ND (R)- Tetrahydrocannabidiol ((R)-H4-CED) 0.016 0.049 0.02 ND ND ND Eterahydrocannabidiol ((R)-H4-CED) 0.049 0.012 0.05 ND ND ND Al- eterahydrocannabidiol (R)-H4-CED) 0.01 0.012 0.05 ND ND ND Connabidifice (CEDP) 0.01 0.02 0.07 7.72 30.88 Cannabidiporal (CERP) 0.01 0.04 ND ND ND eterthydrocannabinol (APTHC) 0.01 0.01	Cannabidiolic Acid (CBDA)	0.033	0.16	ND	ND	ND
Comobidid (CBD) COMOBIDIDAD 0.099 0.229 ND ND ND (9.7) Fetrohydrocannobidol ((Ph)-H4-CBD) 0.006 0.049 ND ND ND Tetrohydrocannobidor ((Ph)-H4-CBD) 0.016 0.049 ND ND ND Eterohydrocannobivarin (FHCY) 0.012 0.056 ND ND ND Cannobidol (CBDH) 0.012 0.012 0.077 7.72 30.88 Cannobidol (CBN) 0.01 0.047 0.06 ND ND Cannobidol (CBN) 0.01 0.047 0.06 ND ND Cannobidol (CBN) 0.01 0.047 0.06 ND ND Cannobidol (CBN) 0.01 0.04 ND ND ND Cannobidol (CBN) 0.01 0.04 0.07 2.08 ND ND Cannobidol (CBN) 0.01 0.01 0.01 ND <	Cannabigerol Acid (CBGA)	0.033	0.16	ND	ND	ND
(5)-Tetrahydrocannobidol (I(S)-H4-CBD) 0.008 0.026 ND ND ND (1(5)-Tetrahydrocannobidol (I(S)-H4-CBD) 0.019 0.019 ND ND ND (1(5)-Tetrahydrocannobidovin (IFL-VCY) 0.019 0.029 0.05 ND ND ND CAIT-CHOHID/COCANNOBIVARII (AS-THCY) 0.01 0.01 0.029 0.77 7.72 30.88 Cannobidiheo (CBDP) 0.01 0.01 0.01 ND ND ND connobidiheo (CBDP) 0.01 0.01 0.01 0.01 ND <	Cannabigerol (CBG)	0.048	0.16	ND	ND	ND
(R)-Tetrohydrocannabidol (N(R)-H4-CBD)	Cannabidiol (CBD)	0.069	0.229	ND	ND	ND
Tetrahydrocannablvarin (THCV)	1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.008	0.026	ND	ND	ND
Δ8-tertrahydrocannabivarin (λ8-THCV) 0.012 0.036 ND ND ND Cannabidihexol (CBDH) 0.014 0.02 ND ND ND Cannabidihexol (CBDH) 0.01 0.02 0.77 7.72 0.38 Cannabidiphoral (CBDP) 0.016 0.04 ND ND ND Cannabidiphoral (CBDP) 0.016 0.08 ND ND ND Tertrahydrocannabinol (36-THC) 0.016 0.08 ND ND ND Eertrahydrocannabinol (36-THC) 0.04 0.016 5.08 ND ND ND Sele-tertrahydrocannabinol (66-R9S)-Δ10 0.01 0.08 ND ND ND Best-ptrahydrocannabinol (66-R9S)-Δ10 0.01 0.01 0.08 ND ND ND Best-ptrahydrocannabinol (66-R9S)-Δ10 0.01 0.01 0.08 ND ND ND Best-ptrahydrocannabines (66-R9S)-Δ10 0.01 0.01 0.01 ND ND ND Cannabidiplor (16-PhCP) <	1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.016	0.049	ND	ND	ND
Cannabiditiesoil (CBBH) O,014 0,014 ND ND ND Tetrahydrocannabitinol (SFHCB) 0,01 0,029 0,77 7,72 30,88 Cannabidiphoral (CBN) 0,04 0,16 0,27 2,66 10,64 Cannabidiphoral (CBP) 0,06 0,049 ND ND ND exo-THC (exo-THCP) 0,001 0,04 ND ND ND Etterhydrocannabinol (SP-THC) 0,002 0,073 9,43 94,30 377,20 AB-tetrhydrocannabinol (SB,95-L10) 0,004 0,044 0,16 55,08 55,08 203,12 (68,95)-Δ10-Tetrahydrocannabinol (SB,95-L10) 0,017 0,8 ND ND ND (68,95)-Δ10-Tetrahydrocannabinol (SB,95-L10) 0,017 0,8 ND ND ND (68,95)-Δ10-Tetrahydrocannabinol (SB,95-L10) 0,007 0,8 ND ND ND (68,95)-Δ10-Tetrahydrocannabinol (SB,97-L10) 0,007 0,8 ND ND ND (68,95)-Δ10-Tetrahydrocannabinol (SB,97-L10)	Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND	ND
Tetrahydrocannaburol (Δ9-THCB) 0.01 0.02 0.77 7.72 30.88 Cannabidipio (CBN) 0.047 0.16 0.27 2.66 10.46 Cannabidipio (CBN) 0.016 0.049 N.D N.D N.D exo-THC (exo-THC) 0.016 0.88 N.D N.D N.D Tetrahydrocannabinol (36-THC) 0.02 0.307 9.43 9.43 9.73 66-RyS)-Al0-Tetrahydrocannabinol (68-THC) 0.016 0.8 N.D N.D N.D 66-RyS)-Al0-Tetrahydrocannabinol (68-RyS)-Δ10) 0.017 0.8 N.D N.D N.D 66-RyS)-Al0-Tetrahydrocannabinol (68-RyS)-Δ10) 0.017 0.8 N.D N.D N.D 66-RyS)-Al0-Tetrahydrocannabinol (68-RyS)-Δ10) 0.017 0.8 N.D N.D N.D 66-RyS)-Al0-Tetrahydrocannabinol (68-RyS)-Δ10 0.017 0.8 N.D N.D N.D 46-Rys)-Al0-Tetrahydrocannabinol (68-RyS)-Δ10 0.017 0.8 N.D N.D N.D 49-Tetrahydrocannabinol (24-Binchy	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.012	0.036	ND	ND	ND
Cannabinol (CBN) 0.047 0.16 0.27 2.66 10.64 Cannabidiphorol (CBDP) 0.016 0.04 ND ND ND xo-THC (Sec-THC) 0.016 0.04 ND ND ND Xo-Tetrahydrocannabinol (Δ9-THC) 0.092 0.307 9.43 94.30 377.20 Δ8-tetrahydrocannabinol (36-THC) 0.015 0.08 ND ND ND (66,95)-2.017-Detrahydrocannabinol (166,959)-Δ100 0.017 0.8 ND ND ND (66,95)-9.167-Detrahydrocannabinol (166,978)-Δ10 0.017 0.8 ND ND ND (66,97.97-Δ10-Tetrahydrocannabinol (166,978)-Δ10 0.017 0.8 ND ND ND (66,97.97-Δ10-Tetrahydrocannabinol (166,978)-Δ10 0.017 0.8 ND ND ND Kerbahydrocannabinol (16,978)-Δ10 0.017 0.8 ND ND ND Etrahydrocannabinol (16,0678)-Δ10 0.017 0.03 ND ND ND A9-Tetrahydrocannabinol (1,0671-TECP) 0.017	Cannabidihexol (CBDH)	0.014	0.042	ND	ND	ND
Cannabidiphror (CBDP) 0.016 0.049 ND ND ND exo-THC (exo-THC) 0.016 0.8 ND ND ND Exert (exo-THC) 0.001 0.80 ND ND ND Exterhalpdrocannabinol (39-THC) 0.002 0.037 9.45 9.50.8 203.1 66-1,959-Δ10-Tetrahydrocannabinol (66R-95y-Δ10) 0.017 0.8 ND ND ND (66R,959-Δ10-Tetrahydrocannabinol (66R-98r)-Δ10) 0.007 0.8 ND ND ND (66R,979-Δ10-Tetrahydrocannabinol (66R-98r)-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (8 Isomer) (9r-HHC) 0.016 0.8 ND ND ND Etrahydrocannabinol Acid (THCA) 0.107 0.89 3.23 32.27 120.00 Cannabiditydrocannabiphor (Ag-THCH) 0.02 0.06 ND ND ND Cannabiditydrocannabiphor (Ag-THCP) 0.01 0.01 ND ND ND Cannabiditydrocannabiphor (Ag-THCP) 0.01 0.01<	Tetrahydrocannabutol (Δ9-THCB)	0.01	0.029	0.77	7.72	30.88
exo-THC (exo-THC) 0.016 0.8 ND ND ND Tetrohydrocannabinol (Δ9-THC) 0.092 0.307 9.43 9.430 377.20 Δ8-tetrohydrocannabinol (68-THC) 0.014 0.16 5.50 55.78 20.31 (66R,95)-Δ10-Tetrohydrocannabinol ((66R,95)-Δ10) 0.015 0.8 ND ND ND Hexahydrocannabinol (168-R9F)-Δ10-Tetrohydrocannabinol (166R,97)-Δ10-Tetrohydrocannabinol (166R,97)-Δ10-Tetrohydrocannabin	Cannabinol (CBN)	0.047	0.16	0.27	2.66	10.64
Tetrahydrocannabinol (Δ9-THC)	Cannabidiphorol (CBDP)	0.016	0.049	ND	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC) 0.044 0.16 55.08 550.78 2203.12 (6α1,9S)-Δ10-Tetrahydrocannabinol ((6α1,9S)-Δ10) 0.015 0.8 ND ND ND (6α1,9S)-Δ10-Tetrahydrocannabinol ((6α1,9S)-Δ10) 0.007 0.8 ND ND ND (6α1,9S)-Δ10-Tetrahydrocannabinol ((6α1,9S)-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (S Isomer) (9r-HHC) 0.016 0.8 ND ND ND Tetrahydrocannabinol (K Isomer) (9r-HHC) 0.017 0.38 ND ND ND 49-Tetrahydrocannabinol (A G ITHCA) 0.017 0.38 ND ND ND 29-Tetrahydrocannabinol (A G ITHCA) 0.02 0.061 ND ND ND 29-Tetrahydrocannabiphorol (Δ9-THCP) 0.02 0.027 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 155.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydr	exo-THC (exo-THC)	0.016	0.8	ND	ND	ND
(60R,9S)-Δ10-Tetrahydrocannabinol ((60R,9S)-Δ10) 0.015 0.8 ND ND ND Hexohydrocannabinol (S Isomer) (9S-HIC) 0.017 0.8 ND ND ND (60R,9R)-Δ10-Tetrahydrocannabinol ((60R,9R)-Δ10) 0.007 0.8 ND ND ND Hexohydrocannabinol (R Somer) (9F-HIC) 0.016 0.8 ND ND ND Eterahydrocannabinolic Acid (THCA) 0.117 0.389 3.23 32.27 129.08 Δ9-Tetrahydrocannabinolic Acid (THCA) 0.017 0.38 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND A9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 155.60 A8-Tetrahydrocannabiphorol (Δ8-THCP) 0.017 0.8 ND ND ND Cannabicitran (CBT) 0.041 0.8 ND ND ND A9-THC-O-acetate (A8-THCD) 0.076 0.8 ND ND ND S(S)-HHCP (S-HHCP) 0.013 0.0	Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	9.43	94.30	377.20
Headydrocannabinol (S Isomer) (9s-HHC) 0.017 0.8 ND ND ND (6d, 98)-Δ10-Tetrahydrocannabinol ((6d, 98)-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (R Isomer) (9r-HHC) 0.016 0.8 ND ND ND Δ9-Tetrahydrocannabinolic Acid (THCA) 0.017 0.389 3.23 3.227 129.08 Δ9-Tetrahydrocannabihexol (Δ9-THCH) 0.02 0.061 ND ND ND Cannabinol Acetate (CBNO) 0.09 0.027 ND ND ND A9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 A9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 A8-Tetrahydrocannabiphorol (Δ9-THCP) 0.011 0.01 0.01 ND ND Cannabicitran (CBT) 0.016 0.01 ND ND ND Cannabicitran (CBT) 0.01 0.01 ND ND ND A9-THC-O-acetate (Δ8-THCO) 0.01 0.	Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	55.08	550.78	2203.12
(60R,9R)-Δ10-Tetrahydrocannabinol ((60R,9R)-Δ10)	(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC) 0.016 0.8 ND ND ND Tetrahydrocannabinolic Acid (THCA) 0.117 0.389 3.23 32.27 129.08 Δ9-Tetrahydrocannabinexol (Δ9-THCH) 0.02 0.061 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 NB 3.84 38.40 153.60 Δ8-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Δ8-THCA-Gracetate (Δ8-THCP) 0.015 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.06 0.8 ND ND ND Δ9-THC-O-acetate (Δ8-THCO) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.015 0.045 ND ND ND 9(S)-HHCP (HHCP) 0.015 0.045 <	Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA) 0.117 0.389 3.23 32.27 129.08 Δ9-Tetrahydrocannabinevol (Δ9-THCH) 0.02 0.061 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCO) 0.005 0.16 ND ND ND Cannabicitran (CBT) 0.005 0.16 ND ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.013 0.041 ND ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND Θ(R)-HHCP (r-HHCP) 0.015 0.045 ND ND ND Θ(R)-HHC-O-acetate (r-HHCO) 0.031 0.093	(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH) 0.02 0.061 ND ND ND Cannabinal Acetate (CBNO) 0.009 0.027 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 155.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND 9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 9(S)-HHCP (s-HHCP) 0.066 0.8 ND ND ND 9(R)-HHCP (s-HHCP) 0.066 0.8 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.066 0.8 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.015 0.045 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND <td< td=""><td>Hexahydrocannabinol (R Isomer) (9r-HHC)</td><td>0.016</td><td>0.8</td><td>ND</td><td>ND</td><td>ND</td></td<>	Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	ND	ND	ND
Connabinol Acetate (CBNO) 0.009 0.027 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND 9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 49-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(S)-HHCP (s-HHCP) 0.015 0.045 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.012 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.012 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.031 0.093 ND ND ND 9(S)-HHC-O-acetate (s-HCO) 0.031 0.093 ND ND ND	Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	3.23	32.27	129.08
Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 3.84 38.40 153.60 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabictran (CBT) 0.005 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(R)-HHCP (HHCP) 0.015 0.045 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.015 0.045 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(R)-HIC-O-acetate (s-HHCO) 0.031 0.093 ND ND ND 9(R)-HIC-O-acetate (s-HICO) 0.031 0.093 ND ND ND 9(R)-HIC-O-acetate (s-HICO) 0.031 0.093 ND ND ND <t< td=""><td>Δ9-Tetrahydrocannabihexol (Δ9-THCH)</td><td>0.02</td><td>0.061</td><td>ND</td><td>ND</td><td>ND</td></t<>	Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.02	0.061	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND S(9-HHCP (s-HHCP) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND S(R)-HHCP (s-HHCP) 0.015 0.045 ND ND ND S(R)-HHC-O-acetate (s-HHCO) 0.015 0.045 ND ND ND S(R)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND S(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND S-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa*0.877 + Δ9THC) 12.26 122.60 490.40 Total THC + Δ8THC + Δ10THC (THCa*0.877 + Δ9THC + Δ10THC + Δ1	Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	ND
Cannabicitran (CBT) 0.005 0.16 ND ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND (S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(R)-HHCP (s-HHCP) 0.015 0.045 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.021 0.062 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.021 0.062 ND ND ND 7 total THC (THCa*0.877 + Δ9THC + Δ8THC + Δ8THC + Δ10THC + Δ6THC + Δ10THC + Δ1	Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.8	3.84	38.40	153.60
Δ8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND 9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(R)-HHCP (r-HHCP) 0.015 0.045 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-ctyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa *0.877 + Δ9THC) 12.26 122.60 490.40 Total THC + Δ10THC (THca *0.877 + Δ9THC + Δ8THC + Δ10THC) 7 ND ND ND Total CBD (CBOa *0.877 + CBO) ND ND ND ND ND Total CBG (CBGa *0.877 + CBG) ND ND ND ND ND Total CBD (*CBO *0.877 + CBG) ND ND ND ND ND	Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.8	ND	ND	ND
9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(S)-HHCP (r-HHCP) 0.015 0.045 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.012 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa *0.877 * Δ9THC) 12.26 122.60 490.40 Total THC *ΔBTHC * Δ10THC (THca *0.877 * Δ9THC + Δ8THC + Δ10THC) ** 67.34 673.38 2693.52 Total CBG (CBGa* 0.877 * CBG) ND ND ND ND Total THC (*9*-HHC*)**-HHC* ND ND ND	Cannabicitran (CBT)	0.005	0.16	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(R)-HHCP (r-HHCP) 0.015 0.045 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.031 0.093 ND ND ND 9(S)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.02 ND ND ND Total THC (THCa*0.877 ± Δ9THC) 12.26 122.60 490.40 Total THC ± Δ6THC ± Δ	Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	ND	ND	ND
9(R)-HHCP (r-HHCP) 0.015 0.045 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-octgl-Δ8-Tetrohydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCα * 0.877 + Δ9THC + Δ10THC) 12.26 12.26 12.26 490.40 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)-HHCP (s-HHCP)	0.013	0.041	ND	ND	ND
9(S)-HHC-0-acetate (s-HHCO) 0.037 0.112 ND ND ND 9(R)-HHC-0-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa *0.877 + Δ9THC) 12.26 122.60 499.40 Total THC + Δ10THC (THCa *0.877 + Δ9THC + Δ8THC + Δ10THC) 67.34 67.38 2693.52 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-O-acetate (Δ9-THCO)	0.066	0.8	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO) 0.031 0.093 ND ND ND 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCα *0.877 + Δ9THC) 12.26 12.26 12.60 490.40 Total THC + Δ8THC + Δ10THC (THCα *0.877 + Δ9THC + Δ8THC + Δ10THC) 87.3 8793.52 893.52 Total CBD (CBDα *0.877 + CBD) ND ND ND ND Total CBG (CBGα *0.877 + CBG) ND ND ND Total HHC (9*-HHC + 9*-HHC) ND ND ND	9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa*0.877 + Δ9THC) 12.26 122.60 490.40 Total THC + Δ8THC + Δ10THC (THCa*0.877 + Δ9THC + Δ8THC + Δ10THC) 67.34 673.8 2693.52 Total CBD (CBDa*0.877 + CBD) ND ND ND ND Total CBG (CBGa*0.877 + CBC) ND ND ND Total HHC (9r-HHC+ 9s-HHC) ND ND ND	9(S)-HHC-O-acetate (s-HHCO)	0.037	0.112	ND	ND	ND
ΤοταΙ ΤΗC (ΤΗCα * 0.877 + Δ9ΤΗC) 12.26 490.40 ΤοταΙ ΤΗC + Δ8ΤΗC + Δ10ΤΗC (ΤΗCα * 0.877 + Δ9ΤΗC + Δ10ΤΗC) 67.34 673.38 2693.52 ΤοταΙ CBD (CBDa * 0.877 + CBD) ND ND ND ND ΤοταΙ CBG (CBGa * 0.877 + CBG) ND ND ND ND ΤοταΙ HHC (9r-HHC + 9s-HHC) ND ND ND ND	9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	ND
Total THC + Δ8THC + Δ10THC (THCα * 0.877 + Δ9THC + Δ8THC + Δ10THC) 67.34 673.38 2693.52 Total CBD (CBDα * 0.877 + CBD) ND ND ND Total CBG (CBGα * 0.877 + CBG) ND ND ND Total HHC (9r-HHC + 9s-HHC) ND ND ND	3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	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	Total THC (THCa * 0.877 + Δ9THC)			12.26	122.60	490.40
Total CBG (CBGa * 0.877 + CBG) ND ND ND Total HHC (9r-HHC + 9s-HHC) ND ND ND	Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			67.34	673.38	2693.52
Total HHC (9r-HHC+9s-HHC) 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
10tal Cannabinolas Analyzea 72.22 722.16 2888.64	Total Cannabinoids Analyzed			72.22	722.16	2888.64



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



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Brandon Starr

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QA Testing

HME - Heavy Metals

Analyzed Feb 22, 2024 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	ND	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	ND	0.5

MIBIG - Microbial

Analyzed Feb 22, 2024 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	LOD CFU/g	LOQ CFU/g	Result CFU/g	Limit CFU/g
Shiga toxin-producing Escherichia Coli	1.0	1.0	ND	
Salmonella spp.	1.0	1.0	ND	
Aspergillus fumigatus	1.0	1.0	ND	
Aspergillus flavus	1.0	1.0	ND	
Aspergillus niger	1.0	1.0	ND	
Aspergillus terreus	1.0	1.0	ND	

MTO - Mycotoxin

Analyzed Feb 25, 2024 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg	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
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count



DCC license: C8-000098-LIC

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Scan the QR code to verify authenticity.

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PES - Pesticides

Analyzed Feb 27, 2024 | 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	0.01	0.02	ND		Carbofuran	0.01	0.02	ND	
Dimethoate	0.01	0.02	ND		Etofenprox	0.02	0.1	ND	
Fenoxycarb	0.01	0.02	ND		Thiachloprid	0.01	0.02	ND	
Daminozide	0.01	0.03	ND		Dichlorvos	0.02	0.07	ND	
Imazalil	0.02	0.07	ND		Methiocarb	0.01	0.02	ND	
Spiroxamine	0.01	0.02	ND		Coumaphos	0.01	0.02	ND	
Fipronil	0.01	0.1	ND		Paclobutrazol	0.01	0.03	ND	
Chlorpyrifos	0.01	0.04	ND		Ethoprophos (Prophos)	0.01	0.02	ND	
Baygon (Propoxur)	0.01	0.02	ND		Chlordane	0.04	0.1	ND	
Chlorfenapyr	0.03	0.1	ND		Methyl Parathion	0.02	0.1	ND	
Mevinphos	0.03	0.08	ND		Abamectin	0.03	0.08	ND	
Acephate	0.02	0.05	ND		Acetamiprid	0.01	0.05	ND	
Azoxystrobin	0.01	0.02	ND		Bifenazate	0.01	0.05	ND	
Bifenthrin	0.02	0.35	ND		Boscalid	0.01	0.03	ND	
Carbaryl	0.01	0.02	ND		Chlorantraniliprole	0.01	0.04	ND	
Clofentezine	0.01	0.03	ND		Diazinon	0.01	0.02	ND	
Dimethomorph	0.02	0.06	ND		Etoxazole	0.01	0.05	ND	
Fenpyroximate	0.02	0.1	ND		Flonicamid	0.01	0.02	ND	
Fludioxonil	0.01	0.05	ND		Hexythiazox	0.01	0.03	ND	
Imidacloprid	0.01	0.05	ND		Kresoxim-methyl	0.01	0.03	ND	
Malathion	0.01	0.05	ND		Metalaxyl	0.01	0.02	ND	
Methomyl	0.02	0.05	ND		Myclobutanil	0.02	0.07	ND	
Naled	0.01	0.02	ND		Oxamyl	0.01	0.02	ND	
Permethrin	0.01	0.02	0.080		Phosmet	0.01	0.02	ND	
Piperonyl Butoxide	0.02	0.06	ND		Propiconazole	0.03	0.08	ND	
Prallethrin	0.02	0.05	ND		Pyrethrin	0.05	0.41	ND	
Pyridaben	0.02	0.07	ND		Spinosad A	0.01	0.05	ND	
Spinosad D	0.01	0.05	ND		Spiromesifen	0.02	0.06	ND	
Spirotetramat	0.01	0.02	ND		Tebuconazole	0.01	0.02	ND	
Thiamethoxam	0.01	0.02	ND		Trifloxystrobin	0.01	0.02	0.090	
Acequinocyl	0.02	0.09	ND		Captan	0.01	0.02	ND	
Cypermethrin	0.02	0.1	ND		Cyfluthrin	0.04	0.1	ND	
Fenhexamid	0.02	0.07	ND		Spinetoram J,L	0.02	0.07	ND	
Pentachloronitrobenzene	0.01	0.1	ND		Chlormequat Chloride	0.02	0.1	NT	

RES - Residual Solvents

Analyzed Feb 22, 2024 | 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)	0.044	0.4	ND	5000	Butane (But)	0.02	0.4	ND	5000
Methanol (Metha)	1.176	3.92	ND	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	90.0	5000
Ethyl Ether (EthEt)	0.036	0.4	ND	5000	Acetone (Acet)	0.044	0.4	26.7	5000
Isopropanol (2-Pro)	1.16	3.868	ND	5000	Acetonitrile (Acetonit)	0.888	2.952	ND	410
Methylene Chloride (MetCh)	0.04	0.4	ND	1	Hexane (Hex)	0.012	0.4	ND	290
Ethyl Acetate (EthAc)	0.032	0.4	ND	5000	Chloroform (Clo)	0.028	0.4	ND	1
Benzene (Ben)	0.012	0.4	ND	1	1-2-Dichloroethane (12-Dich)	0.024	0.4	ND	1
Heptane (Hep)	0.012	0.4	ND	5000	Trichloroethylene (TriClEth)	0.072	0.4	ND	1
Toluene	0.036	0.4	ND	890	Yulanas (Yul)	0.012	0.4	ND	2170

FVI - Filth & Foreign Material Inspection

Analyzed Feb 21, 2024 This title in the total Sor-Old							
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 Unidentified
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



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Brandon Starr, Quality Assurance Manager Thu, 29 Feb 2024 15:55:46 -0800

