# SD230412-061 page 1 of 1

### PharmLabs San Diego Certificate of Analysis

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# sample Ocho Sundae Driver Bombers (H)

QA Testing

**D**Pharm**Labs** 

#### Sample ID SD230412-061 (72087) Matrix Flower (Inhalable Cannabis Good) Tested for Top Shelf Hemp Co Sampled -Received Apr 12, 2023 Reported Apr 13, 2023

Analyses executed CANX, MWA

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.26% | 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 (+)d8-THC is a different compound from the main (-)d8-THC canobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available in is estimated to be 1:30%. The canobinoid is estimated to be 1:30%.

# CANX - Cannabinoids Analysis

Analyzed Apr 13, 2023 | Instrument HPLC-VWD | Method The expanded Uncertainty of the Cannabinoid analysis is approximately **3.81%** at the 95% Confidence Level

High graph and any different problem of the proble	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Aborn (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor (Ary-Bydgradmethor 	11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013		ND	ND
(r)-198.pdfsqup,HeadPhi(C)-HHQNDNDConceDedice Acte (CBA)0.0070.021NDConceDedice Acte (CBA)0.0010.050.444.43ConceDedice Acte (CBA)0.0010.050.044.53ConceDedice Acte (CBA)0.0010.050.059.99105, FUD (CBA)0.0010.050.05ND105, FUD (CBA)0.0010.050.05NDND107, FUD (CBA)0.050.05NDNDTerrebuictocomobine' (M-FUC)0.050.05NDND107, FUD (CBA)0.050.05NDNDTerrebuictocomobine' (M-FUC)0.050.05NDND107, FUD (CBA)0.050.05NDND107, FUD (CBA)0.05N	Cannabidiorcin (CBDO)	0.002	0.007	ND	ND
11-big consistent of the spectra of	Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND
Combined Add (CBA)0.0010.614.4314.43Combined Add (CBA)0.0010.60.444.38Combined Add (CBA)0.0010.60.699.79VS)-TRI (CFHD)0.0250.027NDNDVS)-TRI (CFHD)0.0250.027NDNDTarribytic0.0210.041NDNDTarribytic0.0250.057NDNDTarribytic0.0250.056NDNDTarribytic0.0510.056NDNDCombined (GDP)0.0510.056NDNDCombined (GDP)0.0550.056NDNDCombined (GDP)0.0560.056NDNDCombined (GDP)0.0560.056NDNDCombined (GDP)0.0560.056NDNDCombined (GDP)0.0560.056NDNDCombined (GDP)0.0560.056NDNDCombined (GDP)0.0560.05NDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDCombined (GDP)0.056NDNDNDC	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND
Canadigan (Add (CBA) considiant (CBA)0.010.460.480.48Canadidati (CBA)0.010.010.060.595.79(S)-THO (F-THO)0.0250.075NONONethod (CBA)0.010.060.06NONOSetto May Canadidati (CBA)0.010.06NONONOSetto May Canadidati (CBA)0.010.06NONONONOSetto May Canadidati (CBA)0.010.06NO </td <td>11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)</td> <td>0.007</td> <td>0.021</td> <td>ND</td> <td>ND</td>	11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND
Canabidgene (EBO)0.010.040.040.040.09(00) THD (c-THD)0.0150.041NDND(10) THD (c-THD)0.0150.041NDND(10) THD (c-THD)0.0150.015NDND20 Carros fuel (GD)0.0150.016NDND20 Carros fuel (GD)0.016NDNDND20 Carros fuel (GD)0.0150.016NDND20 Carros fuel (GD)0.0160.016NDND20 Carros fuel (GD)0.0160.016NDND20 Carros fuel (GD)0.0160.016NDND20 Carros fuel (GD)0.016NDNDND20 Carros fuel (GD)0.016ND	Cannabidiolic Acid (CBDA)	0.001	0.16	14.43	144.31
Connection (3D)0.010.440.949.793(3) TH0 (-7 TH2)0.0150.014NDND3(3) TH0 (-7 TH2)0.0150.015NDND3(3) TH0 (-7 TH2)0.0110.0150.015NDND3(3) TH0 (-7 TH2)0.0150.0150.015NDND3(3) TH0 (-7 TH2)0.0150.016NDNDND3(3) TH0 (-7 TH2)0.0150.016NDNDND3(3) TH0 (-7 TH2)0.0150.016NDNDND3(3) TH0 (-7 TH2)0.0150.016NDNDND3(3) TH0 (-7 TH2)0.0150.0160.016NDND3(3) TH0 (-7 TH2)0.0150.0160.016NDND3(3) TH1 (-7 TH2)0.0150.0160.0161.01ND3(3) TH1 (-7 TH2)0.0150.0160.0161.01ND3(3) TH1 (-7 TH2)0.0160.0150.0161.01ND3(3) TH1 (-7 TH2)0.0160.0150.0161.01ND3(3) TH1 (-7 TH2)0.0160.0150.0161.01ND3(3) TH1 (-7 TH1)0.0160.0160.0161.01ND3(3) TH1 (-7 TH1)0.0160.0160.016NDND3(3) TH1 (-7 TH1)0.0160.0160.016NDND3(3) TH1 (-7 TH1)0.0160.0160.016NDND3(4) TH1 (-7 TH1)0.0160.0160.016NDND<	Cannabigerol Acid (CBGA)	0.001	0.16	0.44	4.38
No.No.No.No.NO.11400.050.05NO.NO.11400.050.05NO.Ablestradightocannabahvaria (HLV)0.010.05NO.Ablestradightocannabahvaria (HLV)0.0210.064NO.Ablestradightocannabahvaria (HLV)0.0250.064NO.Cannabidhena (GDH)0.0550.064NO.NO.Tertadightocannabahvaria (HLV)0.0550.047NO.NO.Tertadightocannabahvaria (HLV)0.0550.047NO.NO.Cannabidhtol (Ab-THC)0.0550.047NO.NO.Tertadightocannabahra (GDP)0.0550.047NO.NO.Tertadightocannabahra (GDP)0.0560.056NO.NO.Tertadightocannabahra (GDP)0.0560.056NO.NO.Startadightocannabahra (GDP)0.0560.056NO.NO.Headhightoria (GDP)0.0560.056NO.NO.Startadightocannabahra (GDP)0.0560.056NO.NO.Headhightoria (GDP)0.0660.056NO.NO.Headhightoria (GDP)0.0660.056NO.NO.Headhightoria (GDP)0.0660.056NO.NO.Headhightoria (GDP)0.0660.056NO.NO.Ablestradightoria (GDP)0.0660.056NO.NO.Ablestradightoria (GDP)0.0660.056NO.NO.Ablestradightoria (GDP)0.0660.056NO.NO. <td>Cannabigerol (CBG)</td> <td>0.001</td> <td>0.16</td> <td>0.04</td> <td>0.39</td>	Cannabigerol (CBG)	0.001	0.16	0.04	0.39
\mmodple\mmodpl	Cannabidiol (CBD)	0.001	0.16	0.98	9.79
Tertong/reconsolabions/ (M2-Y)0.0010.04NDA8-tertong/reconsolabions/ (M2-THCN)0.0510.064NDConsolabidites/ (CBDP)0.0150.038NDNDConsolabidites/ (CBDP)0.0150.047NDNDConsolabidites/ (CBDP)0.0550.047NDNDConsolabidites/ (CBDP)0.0550.047NDNDConsolabidites/ (CBDP)0.0550.047NDNDConsolabidites/ (CBDP)0.0550.047NDNDConsolabidites/ (CBDP)0.0550.064NDNDConsolabidites/ (CBDP)0.0550.06NDNDTertong/reconsolabidites/ (CBDP)0.0550.06NDNDConsolabidites/ (CBDP)0.050.06NDNDReconstructions/ (GR, SP)-JOD0.050.06NDNDReconstructions/ (GR, SP)-JOD0.050.06NDNDReconstructions/ (GR, SP)-JOD0.050.06NDNDReconstructions/ (GR, SP)-JOD0.060.061.05NDReconstructions/ (GR, SP)-JOD0.060.06NDNDReconstructions/ (GR, SP)-JOD0.060.06NDNDReconstructions/ (GR, SP)-JOD0.070.06NDNDReconstructions/ (GR, SP)-JOD0.070.06NDNDReconstructions/ (GR, SP)-JOD0.060.06NDNDReconstructions/ (GR, SP)-JOD0.060.06NDND<	1(S)-THD (s-THD)	0.013	0.041	ND	ND
Abternulytoconnabiveni (Ab-THCV)0.0210.044NDNDCannabidebaced (CBADH)0.0550.06NDNDCannabidebaced (CBADH)0.0550.067NDNDCannabidebaced (CBADH)0.0550.047NDNDCannabidebaced (CBADH)0.0550.047NDNDconnabidebaced (CBADH)0.0550.046NDNDconnabidebaced (CBADH)0.0550.046NDNDconnabidebaced (CBADH)0.0550.046NDNDconnabidebaced (CBADH)0.0550.046NDNDconnabidebaced (CBADH)0.0550.046NDNDconnabidebaced (CBADH)0.0550.056NDNDconnabidebaced (CBADH)0.0570.056NDNDconnabidebaced (CBADH)0.0570.056NDNDconnabidebaced (CBADH)0.0570.056NDNDconnabidebaced (CBADH)0.0510.056NDNDconnabidebaced (CBADH)0.0510.056NDNDconnabidebaced (CBADH)0.0510.056NDNDconnabidebaced (CBADH)0.0510.051NDNDconnabidebaced (CBATHCP)0.0510.051NDNDconnabidebaced (CBATHCP)0.0510.051NDNDconnabidebaced (CBATHCP)0.0510.051NDNDconnabidebaced (CBATHCP)0.0510.051NDNDconnabidebaced (CBATHCP)	1(R)-THD (r-THD)	0.025	0.075	ND	ND
Canabia     Odd     0.005     0.016     ND       Tetrahydrocannabiul (Δ9-THG)     0.015     0.038     ND     ND       Cannabiul (Δ9-THG)     0.015     0.047     ND     ND       Cannabiul (Δ9-THG)     0.015     0.047     ND     ND       Tetrahydrocannabiul (Δ9-THG)     0.005     0.047     ND     ND       Tetrahydrocannabiul (GA,THG)     0.005     0.05     ND     ND       Ab-terthydrocannabiul (GA,SP)-Δ0)     0.05     0.05     ND     ND       KashPhydrocannabiul (GA,SP)-Δ0)     0.015     0.16     ND     ND       KashPhydrocannabiul (GA,SP)-Δ0)     0.016     0.16     ND     ND       KashPhydrocannabiul (GA,SP)-Δ0)     0.016     0.16     ND     ND       KashPhydrocannabiul (GA,SP)-Δ0)     0.017     0.16     ND     ND       KashPhydrocannabiul (GA,SPH-Δ0)     0.016     0.016     ND     ND       Ab-Tetrahydrocannabiul (GA,SPH-Δ0)     0.016     ND     ND     ND       Cannabiul (GA,SPH-Δ0)     0.016     ND     ND	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Tetrahydracanabutol (Mo-THCB)0.0130.039N.0N.0Connabulation (CBN)0.016N.0N.0connabulation (CBD)0.0150.047N.0N.0exo-THC (seo-THC)0.0050.06N.0N.0Zetrahydracanabutol (Ma-THC)0.0010.06N.0N.0Ab-tetrahydracanabutol (Ma-THC)0.0150.16N.0N.0Second (GBR, 95)-M070.0160.016N.0N.0Kexhydracanabutol (GBR, 95)-M070.0160.016N.0N.0Kexhydracanabutol (GBR, 95)-M070.0160.016N.0N.0Kexhydracanabutol (GBR, 95)-M070.0160.016N.0N.0Kexhydracanabutol (GBR, 95)-M070.0160.016N.0N.0Kexhydracanabutol (GBR, 95)-M070.0160.016N.0N.0Tetrahydracanabutol (Ma-THCH)0.0170.16N.0N.0Connabutol (Ma-THCH)0.0170.16N.0N.0Ab-Tetrahydracanabutol (Ma-THCH)0.0170.16N.0N.0Ab-Tetrahydracanabutol (Ma-THCH)0.0140.014N.0N.0Ab-Tetrahydracanabutol (Ma-THCH)0.0170.16N.0N.0Ab-Tetrahydracanabutol (Ma-THCH)0.016N.0N.0N.0Cannabutor (MB)0.016N.0N.0N.0N.0Cannabutor (MB)0.016N.0N.0N.0N.0Cannabutor (MB)0.016N.0N.0N.0N.0Cannabutor (M	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Cannel (BM)0.0010.60NDNDComabidiphord (CBDP)0.0150.047NDNDCannel diphord (CBDP)0.0050.046NDNDTetru hydrocannabino (AS-THC)0.0050.066UIUICannel diphord (CBR, PR)-A10-Tetra hydrocannabino (GBR, PS)-A10-Tetra hydrocannabino (GBR, PS)-A10-Tetr	Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Cannabiliphoral (GBDP)0.0170.0270.020.0100.010exo-THC (seo-THC)0.0030.060.010.000.060.010.00Data Entral dyarcannabilo (JAP-THC)0.0030.060.060.000.060.00 <td>Tetrahydrocannabutol (Δ9-THCB)</td> <td>0.013</td> <td>0.038</td> <td>ND</td> <td>ND</td>	Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND
exo-THC (exo-THC)     0.005     0.18     ND     ND       Tetrohydroconnabin (Ap THC)     0.003     0.16     UI     UI       Ab-tetrohydroconnabin (Sh THC)     0.005     0.16     ND     ND       (68,R9)-J01-Tetrohydroconnabin ((68,75)-J01)     0.017     0.16     ND     ND       Hexabydrocannabin (St Sharer) (9x-HHC)     0.007     0.16     ND     ND       Hexabydrocannabin (Ga (Sh79)-J01)     0.007     0.16     ND     ND       Hexabydrocannabin (St Sharer) (9x-HHC)     0.007     0.16     ND     ND       Ab-Tetrohydrocannabin (GA (Sh79)-J01)     0.016     0.16     ND     ND       Ab-Tetrohydrocannabin (GA (Sh7H-Sh1)     0.016     0.16     ND     ND       Ab-Tetrohydrocannabin (GA (Sh7H-Sh1)     0.016     0.016     ND     ND       Ab-Tetrohydrocannabin (GA (Sh7H-Sh1)     0.016     ND     ND     ND       Ab-Tetrohydrocannabin (GA (Sh7H-Sh1)     0.014     0.014     ND     ND       Ab-Tetrohydrocannabin (GA (Sh7H-CH2)     0.014     0.014     ND     ND	Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (ds-THC) 0.003 0.16 UI UI   Ads-tetrahydrocannabinol (ds-THC) 0.004 0.16 1.30 13.00   (68,78,5):01-Tetrahydrocannabinol (ds,78):500) 0.017 0.16 ND ND   Hexahydrocannabinol (Stomer) (9s-HHC) 0.007 0.16 ND ND   (66,78,5):01-Tetrahydrocannabinol (166,78):500) 0.007 0.16 ND ND   Hexahydrocannabinol (16,78):600 0.007 0.16 ND ND   Tetrahydrocannabinol (16,78):600 0.001 0.16 ND ND   Tetrahydrocannabinol (16,79):600 0.001 0.16 ND ND   Tetrahydrocannabinol (16,700 0.017 0.16 ND ND   Ab-Tetrahydrocannabinol (16,700 0.016 ND ND ND   Ab-Tetrahydrocannabinol (16,700 0.05	Cannabidiphorol (CBDP)	0.015	0.047	ND	ND
AB-tetrahydrocannabinol (AB-THC)   0.004   0.16   1.30   13.00     (60R,95)-107-Tetrahydrocannabinol (SienRY)-2010)   0.017   0.16   ND   ND     Mexahydrocannabinol (SienRY)-2010)   0.007   0.16   ND   ND     Mexahydrocannabinol (SienRY)-2010)   0.007   0.16   ND   ND     Mexahydrocannabinol (SienRY)-2010)   0.010   0.16   ND   ND     Hexahydrocannabinol (SienRY)-2010)   0.010   0.16   ND   ND     Ab-Tetrahydrocannabinol (AB-THCH)   0.001   0.06   ND   ND     Cannabinol Acetate (CBNO)   0.017   0.16   ND   ND     Cannabinol (AB-THCP)   0.017   0.16   ND   ND     Cannabinol (AB-THCP)   0.017   0.16   ND   ND     Cannabinoru (AB-THCP)   0.017   0.16   ND   ND     AB-Tetrahydrocannabiphorol (AB-THCP)   0.016   ND   ND     AB-TECHANGE (AB-THCO)   0.016   ND   ND     AB-THC-O-acetet (AB-THCO)   0.026   0.079   ND   ND     AB-THC-O-acetet (AB-THCO)   0.026   0.	exo-THC (exo-THC)	0.005	0.16	ND	ND
(64R,95).2h70     0.015     0.16     ND     ND       Hexchyddrocannabinol ((68R,95).2h10)     0.007     0.16     ND     ND       (68R,95).2h70     0.007     0.16     ND     ND       (68R,95).2h70     0.007     0.16     ND     ND       (68R,95).2h70     0.016     0.16     ND     ND       Hexchydrocannabinol (Kab,95).2h70)     0.016     0.16     ND     ND       Tetrohydrocannabinol (Add (THCA)     0.001     0.016     14.52     145.99       AD-Tetrohydrocannabinol (Add (THCA)     0.014     0.043     ND     ND       Cannabinol Acetate (CBNO)     0.014     0.043     ND     ND       Cannabinol (Acetate (CBN)     0.014     0.04     ND     ND       Cannabinol (Acetate (CBN)     0.014     0.05     ND     ND       Cannabinol (Acetate (CBN)     0.014     ND     ND     ND       Cannabinol (Acetate (CBN)     0.014     ND     ND     ND       Cannabinol (Acetate (CBN)     0.005     0.16     ND     ND <td>Tetrahydrocannabinol (Δ9-THC)</td> <td>0.003</td> <td>0.16</td> <td>UI</td> <td>UI</td>	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Hexadydrocannabinal (S Isomer) (9x-HHC)     0.017     0.16     ND       (6aR, 9A)-Ath'-Tetrahydrocannabinal (R Isomer) (9x-HHC)     0.007     0.16     ND     ND       Hexadydrocannabinal (R Isomer) (9x-HHC)     0.016     0.16     ND     ND       Hexadydrocannabinal (A Isomer) (9x-HHC)     0.001     0.16     ND     ND       Ab-Tetrahydrocannabinal (A I(THCA)     0.001     0.016     0.017     ND     ND       Ab-Tetrahydrocannabinal (A I(THCA)     0.024     0.071     ND     ND     ND       Cannabinal Acetate (CBN)     0.014     0.045     ND     ND     ND       Ab-Tetrahydrocannabinal (Ab-THCP)     0.014     0.046     ND     ND     ND       Ab-Tetrahydrocannabinal (Ab-THCP)     0.014     0.16     ND     ND     ND       Ab-Tetrahydrocannabinal (CBT)     0.041     0.16     ND     ND     ND       Ab-Tetrahydrocannabinal (Ab-THCP)     0.005     0.16     ND     ND       Ab-TEC-Ocecteta (Ab-THCO)     0.005     0.16     ND     ND       9(S)-HHC (P +HCP)	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	1.30	13.00
(64R,9R)-A10-Tetrahydrocannabinol ((66R,9R)-A10)     0.007     0.16     ND       Hexahydrocannabinol (R Isomer) (%-HHC)     0.016     0.16     ND       Detrahydrocannabinol (Acid (THCA)     0.001     0.16     14.52     14.50       Δ9-Tetrahydrocannabinols Acid (THCA)     0.024     0.007     ND     ND       Δ9-Tetrahydrocannabinols (Ade THCH)     0.024     0.043     ND     ND       Δ9-Tetrahydrocannabinol (Ade THCP)     0.017     0.16     ND     ND       Δ9-Tetrahydrocannabinol (Ade THCP)     0.017     0.16     ND     ND       Δ9-Tetrahydrocannabinol (Ade THCP)     0.005     0.16     ND     ND       Δ9-Tetrahydrocannabinol (Ade THCP)     0.005     0.16     ND     ND       Δ9-Tetrahydrocannabinol (Ade THCP)     0.005     0.16     ND     ND       Δ9-THC-O-acetate (Ade THCO)     0.005     0.16     ND     ND       Δ9-THC-O-acetate (Ade THCO)     0.006     0.16     ND     ND       Δ9-THC-O-acetate (Ade THCO)     0.006     0.16     ND     ND       Δ9-THC C-acetate (Ade THC	(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Headhydrocannabinol (R Isomer) (9r-HHC)     0.016     0.16     ND     ND       Tetrahydrocannabinol (A ITHCA)     0.001     0.16     14.52     145.19       Δ9-Tetrahydrocannabinexol (Δ9-THCH)     0.024     0.071     ND     ND       Connabinol Acette (CBNO)     0.014     0.016     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.017     0.16     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.017     0.16     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.016     ND     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.016     ND     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.016     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.016     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.005     0.16     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCP)     0.006     0.16     ND     ND       Δ9-Tetrahydrocannabiphorol (Δ9-THCO)     0.005     0.16     ND     ND       Δ9-Tetrahydrocannabipho	Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
Tetrahydrocannabinloi Acid (THCA)   0.001   0.16   14.52   145.19     Δ9-Tetrahydrocannabinloi Acettat (CBNO)   0.024   0.071   ND   ND     Cannabinoi Acettate (CBNO)   0.014   0.043   ND   ND     A9-Tetrahydrocannabinhoroi (Δ9-THCP)   0.014   0.016   ND   ND     A8-Tetrahydrocannabinhoroi (Δ8-THCP)   0.041   0.16   ND   ND     Cannabiditran (CBT)   0.005   0.16   ND   ND     A8-Tetrahydrocantabinhol Acettate (B.THCO)   0.031   0.094   ND   ND     9(S)-HHCP (s-HHCP)   0.036   0.16   ND   ND   ND     9(S)-HHCP (s-HHCP)   0.066   0.16   ND   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND   ND   ND   ND   ND   ND   ND	(6aR,9R)-∆10-Tetrahydrocannabinol ((6aR,9R)-∆10)	0.007	0.16	ND	ND
A) Terdhydrocannabihexol (A) THCH)   0.024   0.071   ND   ND     Cannabinol Acetate (CBNO)   0.014   0.043   ND   ND     A) Terdhydrocannabiphorol (A) THCP)   0.017   0.16   ND   ND     A) Terdhydrocannabiphorol (A) THCP)   0.017   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A) THC-O-acetate (A) THCO)   0.057   0.16   ND   ND     9(S)-HHCP (S-HHCP)   0.056   0.16   ND   ND     9(S)-HHCP (S-HHCP)   0.056   0.16   ND   ND     9(S)-HHCP (S-HHCP)   0.026   0.079   ND   ND     9(S)-HHCP (S-HHCP)   0.026   0.067   ND   ND     9(S)-HHCP (S-HHCP)   0.057   0.067   ND   ND     9(S-HHCP (S-HHCP)   0.057   0.067   ND   ND	Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Canabial Acetate (CBNO)   0.014   0.043   ND   ND     Δ9-Tetrahydrocannabiphorol (Δ9-THCP)   0.017   0.16   ND   ND     Δ8-Tetrahydrocannabiphorol (Δ8-THCP)   0.041   0.16   ND   ND     Δ8-Tetrahydrocannabiphorol (Δ8-THCP)   0.005   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A8-THC-O-acetate (Δ8-THCO)   0.035   0.094   ND   ND     9(S)-HHCP (s-HHCP)   0.035   0.094   ND   ND     49-THC-O-acetate (Δ9-THCO)   0.035   0.094   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(S)-HHCP (s-HHCP)   0.005   0.16   ND   ND	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	14.52	145.19
A9-Tetrahydrocannabiphorol (A9-THCP)   0.017   0.16   ND   ND     A8-Tetrahydrocannabiphorol (A8-THCP)   0.041   0.16   ND   ND     Cannabichtran (CBT)   0.005   0.16   ND   ND     A8-THC-O-acetate (A8-THCQ)   0.007   0.16   ND   ND     Q9S,-HHCP (s-HHCP)   0.031   0.094   ND   ND     A9-THC-O-acetate (A9-THCO)   0.066   0.16   ND   ND     Q9S,-HHCP (s-HHCP)   0.066   0.16   ND   ND     9(R)-HHCP (s-HHCP)   0.066   0.16   ND   ND     9(R)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(R)-HLCO-acetate (A9-THCO)   0.050   0.16   ND   ND     9(R)-HLCP (s-HHCP)   0.050   0.16   ND   ND     9(S)-HLCO-acetate (s-HHCO)   0.050   0.16   ND   ND     9(S)-HLCP (s-HLCP)   0.050   0.16   ND   ND     9(S)-HLCO-acetate (s-HHCO)   0.050   0.16   ND   ND     0.501 THCP (AB-THC-FAB)   0.050   0.16   ND   ND	Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND
AB-Tetrohydrocannabiphorol (AB-THCP)     0.041     0.16     ND     ND       Cannabicitran (CBT)     0.005     0.16     ND     ND       AB-THC-0-acetate (AB-THCO)     0.076     0.06     ND     ND       9(S)-HHCP (s-HHCP)     0.031     0.094     ND     ND       9(S)-HHCP (s-HHCP)     0.066     0.16     ND     ND       9(R)-HHCP (s-HHCP)     0.026     0.079     ND     ND       9(S)-HHCP (s-HHCP)     0.026     0.079     ND     ND       9(S)-HHCP-O-acetate (s-HHCO)     0.026     0.079     ND     ND       9(S)-HHCP-O-acetate (s-HHCO)     0.026     0.079     ND     ND       9(S)-HHC-O-acetate (s-HHCO)     0.066     0.16     ND     ND       9(S)-HHC-O-acetate (s-HHCO)     0.067     0.24     ND     ND       9(S)-HHC-O-acetate (s-HHCO)     0.067     0.24     ND     ND       9(S)-HHC-O-acetate (s-0.877 + ASTHC + AS	Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Canabiditan (CBT)     0.005     0.16     ND     ND       Δ8-ThC-O-acetate (Δ8-THCO)     0.076     0.06     ND     ND       9(5)-HHCP (S-HHCP)     0.031     0.09     ND     ND       9(5)-HHCP (S-HHCP)     0.066     0.16     ND     ND       9(5)-HHCP (S-HHCP)     0.066     0.16     ND     ND       9(7)-HHCP (S-HHCP)     0.026     0.079     ND     ND       9(S)-HHC-O-acetate (AS-HECO)     0.026     0.079     ND     ND       9(S)-HHC-O-acetate (AS-HECO)     0.057     0.16     ND     ND       9(S)-HHC-O-acetate (AS-HECO)     0.057     0.16     ND     ND       9(S)-HHC-O-acetate (AS-HECO)     0.067     0.24     ND     ND       9(S)-HEC-O-acetate (AS-HECO)     ND     ND     ND     ND       9(S)-HEC-O-acetate (AS-HECO)     ND     ND     ND     ND       9(S)-HEC-O-acetate (AS-HECO)     ND     ND     ND     ND       9(S)-HEC-O-ACETACE (S-HECO)     ND     ND     ND     ND	Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND
AB-THC-O-occtute (AB-THCO)   0.076   0.16   ND   ND     9(S)-HHCP (s-HHCP)   0.031   0.094   ND   ND     A9-THC-O-occtute (AD-THCO)   0.066   0.16   ND   ND     9(R)-HHCP (r-HHCP)   0.026   0.076   0.16   ND   ND     9(R)-HHCP (r-HHCP)   0.026   0.067   ND   ND   ND     9(R)-HHCP (r-HHCP)   0.026   0.067   0.204   ND   ND     9(S)-HHC-O-acctate (s-HHCO)   0.067   0.204   ND   ND     5-ctlp-l-AB-Tetrahydroconnabinol (AB-THC-CB)   ND   ND   ND     5-ctlp-l-AB-Tetrahydroconnabinol (AB-THC-CB)   ND   ND   ND     5-ctlp-l-AB-Tetrahydroconnabinol (AB-THC-CB)   ND   ND   ND     5-ctlp-l-BA-Tetrahydroconnabinol (AB-THC-CB)   ND   ND   ND     5-ctlp-l-BA-THC + ABTHC + AB	Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND
9(5)-HHCP (s-HHCP)   0.031   0.094   ND   ND     Δ9-THC-O-acetate (Δ9-THCO)   0.066   0.16   ND   ND     9(R)-HHCP (r-HHCP)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (Δ9-THCO)   0.006   0.06   ND   ND     9(S)-HHCP (r-HHCP)   0.007   0.007   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.067   0.020   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   0.067   0.020   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   ND   ND   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   ND   ND   ND   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   12.73   T1273   T1273   T1273   T1273     Total THC + A8THC + A10THC (THC1*0.877 + 49THC + A8THC + A10THC)   13.64   136.35   T041475   136.45   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35 <td>Cannabicitran (CBT)</td> <td>0.005</td> <td>0.16</td> <td>ND</td> <td>ND</td>	Cannabicitran (CBT)	0.005	0.16	ND	ND
9(5)-HHCP (s-HHCP)   0.031   0.094   ND   ND     Δ9-THC-O-acetate (Δ9-THCO)   0.066   0.16   ND   ND     9(R)-HHCP (r-HHCP)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (Δ9-THCO)   0.006   0.06   ND   ND     9(S)-HHCP (r-HHCP)   0.007   0.007   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.067   0.020   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   0.067   0.020   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   ND   ND   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   ND   ND   ND   ND   ND     5-ctyl-J8-Tetrahydrocannabinol (A8-THC-C8)   12.73   T1273   T1273   T1273   T1273     Total THC + A8THC + A10THC (THC1*0.877 + 49THC + A8THC + A10THC)   13.64   136.35   T041475   136.45   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35   136.35 <td>A8-THC-O-acetate (A8-THCO)</td> <td>0.076</td> <td>0.16</td> <td>ND</td> <td>ND</td>	A8-THC-O-acetate (A8-THCO)	0.076	0.16	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)   0.066   0.16   ND   ND     9(R)-HHC (r-HHCP)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.005   0.16   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.007   0.06   ND   ND     3o-ctul-J8-Tetrahydroconabiol (Δ8-THC-C8)   0.067   0.067   ND   ND     Ao-THC methyl ether (Δ9-MeO-THC)   ND   ND   ND   ND     Total THC 4.0577 + Δ9THC 1HCo * 0.877 + Δ9THC + Δ10THC (THCo * 0.877 + Δ9THC + Δ10THC 1HCo * 0.877 + Δ9THC + Δ10THC + Δ10THC 1HCO * 0.877 + Δ9THC + Δ10THC + Δ10THC + Δ10THC + Δ10THC + 0.877 + Δ9THC + Δ10THC + Δ		0.031	0.094	ND	ND
NO     0.005     0.16     ND     ND       3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)     0.067     0.204     ND     ND       Δ9-THC methyl ether (Δ9-MeO-THC)     ND     ND     ND     ND       Total THC (THCa*0.877 + Δ9THC )     12.73     127.33     140.33     140.33       Total THC + Δ8THC + Δ10THC (THCa*0.877 + Δ9THC + Δ9TH		0.066	0.16	ND	ND
9(5)-HHC-O-acetate (s-HHCO)   0.005   0.16   ND   ND     3-octyl-A8-Tetrahydrocannabinol (A8-THC-C8)   0.067   0.204   ND   ND     Δ9-THC methyl ether (Δ9-MeO-THC)   ND   ND   ND     Total THC (THCa 0.877 + Δ9THC + Δ10THC)   12.73   127.33     Total THC + Δ8THC + Δ10THC (THCa 0.877 + Δ9THC + Δ10THC)   14.03   136.35     Total CBC (CBGa 0.877 + CBG)   0.42   4.23     Total CHC (FNG-0.877 + CBG)   0.42   4.23     Total HHC (9r-HHC + 9s-HHC)   ND   ND	9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
3-octyl-A8-Tetrahydrocannabinol (A8-THC-C8)     0.067     0.204     ND     ND       Δ9-THC methyl ether (Δ9-MeO-THC)     ND     ND     ND     ND       Total THC (ThCa °.877 + Δ9THc )     12.73     127.33     140.33     140.33       Total THC + Δ8THC + Δ10THC (THCa °.0.877 + Δ9THc + Δ8THC + Δ10THC)     14.03     140.35     136.43       Total CBC (CBGa °.0.877 + CBG )     50.42     4.23     4.23       Total HHC (9r-HHC + 9s-HHC)     ND     ND		0.005	0.16	ND	ND
Total THC (THCa <sup>+</sup> 0.877 + Δ9THC )     12.73     127.33       Total THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ9THC + Δ0THC )     14.03     140.33       Total CBD (CBDa <sup>+</sup> 0.877 + CBD )     15.64     36.35       Total CBD (CBDa <sup>+</sup> 0.877 + CBC )     0.42     4.23       Total HHC (9r-HHC + 9s-HHC )     ND     ND		0.067	0.204	ND	ND
Total THC ( THCa * 0.877 + Δ9THC )     12.73     127.33       Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )     14.03     140.33       Total CBC (CBa * 0.877 + CBD )     15.64     36.35       Total CBC (CBa * 0.877 + CBC )     0.42     4.23       Total HHC (9r-HHC + 9s-HHC )     ND     ND	A9-THC methul ether (A9-MeO-THC)			ND	ND
Total THC + ABTHC + A10THC (THCa * 0.877 + A9THC + ABTHC + A10THC) 14.03 140.33   Total CBD (CBDa * 0.877 + CBD) 13.64 136.35   Total CBG (CBGa * 0.877 + CBG) 0.42 4.23   Total CBG (CBGa * 0.877 + CBG) ND ND					
Total CBD (CBDa * 0.877 + CBD )     13.64     136.35       Total CBG (CBGa * 0.877 + CBG )     0.42     4.23       Total HHC (9r-HHC + 9s-HHC )     ND     ND					
Total CBG (CBGa * 0.877 + CBG)     0.42     4.23       Total HHC ( 9r-HHC + 9s-HHC )     ND     ND					
Total HHC (%-HHC + %-HHC) ND ND					

MWA - Moisture Content & Water Activity Analysis

# Analyzed Apr 13, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	5.8 % Mw	13 % Mw	Water Activity (WA)	0.42 a <sub>w</sub>	0.85 a <sub>w</sub>

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected >ULQL Above upper limit of linearity <UQD Above upper limit of linearity CFU/Q colong Forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Thu, 13 Apr 2023 17:08:31 -0700



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