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#### PharmLabs San Diego Certificate of Analysis

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## Sample 8x3 - Grape Ape

Sample 8X5 - Grape Ape		
Sample ID SD230311-005 (57281)	Matrix Concentrate (Inhalable Cannabis Good)	

Tested for Trip-Drip								
Sampled -	Received Mar 10, 2023	Reported Mar 15, 2023						
Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI								

Laboratory note: The estimated concentration of the unknown peak in the sample is 9.18% | 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 (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid 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 810%

#### CANX - Cannabinoids Analysis

Analyzed Mar 15, 2023 | Instrument HLPC Measurement Uncertainty at 95% confidence7.806%

Marging     mg/g     mg/g <thmg< th="">     mg/g     mg/g     <th< th=""><th>Measurement Uncertainty at 95% confidence7.806%</th><th></th><th></th><th></th><th></th></th<></thmg<>	Measurement Uncertainty at 95% confidence7.806%				
Combail     0.002     0.007     N0     N0       Chroned Combail/ord (G-SDO)     0.01     0.015     N0     N0       Chroned Combail/ord (G-SDO)     0.007     0.021     0.016     N0       Chroned Combail/ord (G-SDO)     0.007     0.021     N0     N0       Chroned Combail/ord (G-SDO)     0.001     0.051     N0     N0       Combailyer (GSO)     0.001     0.05     N0     N0       Combailyer (GSO)     0.001     N0     N0     N0       Combailyer (GSO)     0.001     N0     N0     N0       Combailyer (GSO)     0.001	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Ahor of Cambibiation in CaBDQ     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01     0.01	11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND
(+)-38. Auguroug-basedbageroumbend (18-HayG)     0.012     0.012     N0     N0       Connabidied Acid (2BA)     0.001     0.16     N0     N0       Connabidied (CBGA)     0.001     0.16     N0     N0       Connabidied (CBGA)     0.001     0.16     N0     N0       Connabidier (CBGA)     0.01     0.16     N0     N0       Connabidier (CBGA)     0.021     0.044     0.33     0.34       Connabidier (CBCP)     0.05     0.05     N0     N0       Connabidier (CBCP)     0.05     0.047     N0     N0       Connabidier (CBCP)     0.05     0.047     N0     N0       Connabidier (CBCP)     0.05     0.047     N0     N0       Connabidier (CBCP)	Cannabidiorcin (CBDO)	0.002	0.007	ND	ND
11.1     0.007     0.021     ND     ND       Consolidie (CBD)     0.001     0.06     ND     ND       Consolidie (CBD)     0.001     0.06     ND     ND       Consolidie (CBD)     0.001     0.06     ND     ND       (S).THO (CFHD)     0.001     0.015     0.017     0.14     0.017       (S).THO (CFHD)     0.001     0.016     0.016     0.017     0.14     0.017       Tetrohydroconnobivori (AFHC)     0.001     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.016     0.	Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND
Consubjero (CBG)     0.001     0.16     ND     ND       U(r)-THO (-THO)     0.025     0.075     1.54     ND     ND       Consubjero (CBDP)     0.025     0.05     0.04     ND     ND       Consubjero (CBDP)     0.031     0.045     0.05     0.04     ND     ND       Consubjero (CBDP)     0.035     0.047     ND	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND
Canabagerol Acid (GBA)     0.01     0.46     ND       Canabagerol Acid (GBA)     0.001     0.46     ND     ND       Canabagerol Acid (GBA)     0.011     0.46     ND     ND       Canabagerol Acid (GBA)     0.021     0.46     ND     ND       (Qh THD (r1HD)     0.023     0.041     0.47     44       Atterntury/accomanabatorin (AtTHCY)     0.001     0.64     ND     Atterntury/accomanabatorin (AtTHCY)     0.001     0.64     ND     Atterntury/accomanabatorin (AtTHCY)     0.001     0.64     ND     Atterntury/accomanabatorin (AtTHCY)     0.05     0.64     ND     Atterntury/accomanabatorin (AtTHCY)     0.06     0.64     ND     Atterntury/accomanabatorin (AtTHCY)     0.06     0.64     ND     Atterntury/accomanabatorin (Atternuty/a	11-Hydroxy-&8-Tetrahydrocannabinol (11-Hyd-&8-THC)	0.007	0.021	ND	ND
Canabids0.000.01M.0M.0Canabids0.000.060.040.070.040.070.040.070.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.010.01	Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabiday (EBD)     0.01     0.14     ND       (S)-THD (s-THD)     0.03     0.011     0.013     0.014     0.47     44       (S)-THD (s-THD)     0.025     0.027     1.34     49       TetroBydracannabivaria (MCV)     0.021     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.037     0.064     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067     0.067	Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Y(S)-THD (s-THD)     0.013     0.041     0.47     4       Y(R)-THD (s-THD)     0.025     0.075     1.34     13       Y(R)-THD (s-THD)     0.025     0.075     1.34     13       Tetrohydrocannobivarin (THCY)     0.021     0.064     0.39     5       Cannobilhero (CBDH)     0.013     0.033     4.59     44       Cannobilharo (CBDH)     0.011     0.013     0.033     4.59     44       Cannobilharo (CBDH)     0.011     0.016     ND	Cannabigerol (CBG)	0.001	0.16	ND	ND
10) Th0 (THD) 0.025 0.075 114 112   Tetrahydrocannabivarin (THV) 0.001 0.061 0.05 0.05 0.05   Sal-tetrahydrocannabivarin (TAV) 0.005 0.05 0.05 0.05 0.05   Cannabidihevel (CBDH) 0.005 0.05 0.05 0.06 0.05   Cannabidihevel (CBDH) 0.001 0.05 0.06 0.05 0.06   Cannabidihevel (CBDH) 0.001 0.05 0.06 0.07 0.05   Cannabidihevel (CBDH) 0.005 0.05 0.06 0.07 0.05   Cannabidihevel (CBDH) 0.005 0.05 0.06 0.07 0.05   Cannabidihevel (CBDH) 0.005 0.06 0.07 0.05 0.07   Cannabidihevel (CBDH) 0.005 0.06 0.07 0.05 0.07   Sal-tetrahydrocannabinal (GATHC) 0.07 0.06 0.07 0.06   Cannabidihevel (CBDH) 0.07 0.06 0.07 0.06   Cannab	Cannabidiol (CBD)	0.001	0.16	ND	ND
Tetrahydracannabiwatin (THCV)     0.001     0.16     ND     AB       AB-tetrahydracannabiwatin (AB-THCV)     0.021     0.064     0.39     3       Cannabidieson (GB-THCS)     0.005     0.16     ND     44       Cannabidieson (GB-THCB)     0.005     0.016     ND     44       Cannabidie (GB-THCB)     0.005     0.047     ND     44       Cannabidie (GB-THCB)     0.005     0.047     ND     44       Cannabidie (GB-THC)     0.005     0.16     ND     44       Cannabidie (GB-THC)     0.007     0.16     ND     44       Ma-tetrahydracannabine (GB-THC)     0.007     0.16     ND     44       Machydracannabine (GB-THC)     0.007     0.16     ND     45	1(S)-THD (s-THD)	0.013	0.041	0.47	4.68
Δ4-ttrahydrocannabivarin (Δ4-THCY)   0.021   0.064   0.39   3     Cannabidinesol (CBD+)   0.005   0.16   ND   A4     Cannabidinesol (CBD+)   0.015   0.038   0.45   94     Cannabidinesol (CBD+)   0.015   0.016   ND   A4     Cannabidinesol (CBD+)   0.015   0.047   ND   A4     Cannabidinesol (CBD+)   0.005   0.16   ND   A4     Cannabidinesol (CBD+)   0.004   0.16   81.09   A4     Cannabidinesol (CBD+)   0.004   0.16   ND   A4     Cannabidinesol (CBD+)   0.007   0.16   ND   A4     Cannabidinesol (CBD+)   0.007   0.16   ND   A4     Cannabidinesol (CBD+)   0.007   0.16   ND   A4	(R)-THD (r-THD)	0.025	0.075	1.34	13.41
Cannabidity or CADNADIA     ND     ND     ND       Cannabidity or CADNADIA     0.013     0.038     4.59     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50		0.001			ND
Canabia     0.005     0.16     N0     N0       Tetrahydrocannabiol (49-THCB)     0.001     0.003     4.59     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50     4.50	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	0.39	3.86
Tetrahydrocannabutol (Å2-THCB)     0.013     0.033     4.59     445       Cannabiol (CBN)     0.011     0.016     ND     ND     ND       cannabiol (CBN)     0.005     0.047     ND     ND     ND     ND       exo-THC (exo-THC)     0.005     0.016     ND		0.005	0.16	ND	ND
Canadbial (GBN)     0.001     0.16     ND       Canadbial phore (CBDP)     0.015     0.047     ND     ND       Canadbial phore (CBDP)     0.005     0.047     ND     ND       Tetrahydrocannabinal (Å9-THC)     0.003     0.16     ND     ND       Að-tetrahydrocannabinal (Å9-THC)     0.004     0.16     81.09     91       Að-tetrahydrocannabinal (Å9-THC)     0.007     0.16     ND     ND       Mexahydrocannabinal (Å8-THC)     0.007     0.16     ND     ND       Mexahydrocannabinal (Å8-THC)     0.007     0.16     ND     ND       Mexahydrocannabinal (K8-RPS)-2.010)     0.017     0.16     ND     ND       Hexahydrocannabinal (K8-RPS)-2.010     0.007     0.16     ND     ND       Cannabinal (K8-THC)     0.007     0.16     ND     ND       Cannabinal (K8-THC)     0.007     0.16     ND     ND       Cannabinal (K8-THC)     0.017     0.16     ND     ND       Cannabinal (K8-THC)     0.017     0.16     ND     ND <	Tetrahudrocannabutol (Δ9-THCB)	0.013	0.038	4.59	45.90
Canabidiphoral (CBDP)     0.015     0.047     ND     ND       exo-THC (exo-THC)     0.005     0.16     ND     ND       Canabidiphoral (SA-THC)     0.003     0.16     UI       AB-tetrahydrocannabinol (AB-THC)     0.004     0.16     SHO     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (SA, SS)-AIO)     0.017     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (SA, SS)-AIO)     0.007     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (SA, SS)-AIO)     0.007     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (SA, SS)-AIO)     0.017     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (SA, SS)-AIO)     0.017     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (AB, STHC)     0.017     0.16     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (AB, STHC)     0.014     0.043     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (AB, STHC)     0.014     0.043     ND     ND       (GRA, SS)-AIO-Tetrahydrocannabinol (AB, STHC)     0.014     0.014				ND	ND
exo-THC (exo-THC)     0.005     0.16     ND       Tetrahydrocanabinol (da-THC)     0.003     0.16     UI       Ab-tetrahydrocanabinol (da-THC)     0.004     0.16     8.09     9.00       (daR,95)-0.10-Tetrahydrocanabinol (daR,95)-0.10)     0.015     0.16     ND     ND       (daR,95)-0.10-Tetrahydrocanabinol (daR,95)-0.10)     0.007     0.16     ND     ND       (daR,97)-0.10-Tetrahydrocanabinol (daR,95)-0.10)     0.007     0.16     ND     ND       (daR,97)-0.10-Tetrahydrocanabinol (daR,95)-0.10     0.007     0.16     ND     ND       (daR,97)-0.10-Tetrahydrocanabinol (daR,97)-0.10     0.007     0.16     ND     ND       Varber Abydrocanabinol (Ab (ShOW)     0.01     0.16     ND     ND       0.11     0.16     0.01     0.04     ND     ND       0.11     0.16     ND					ND
Tetrahydrocannabinol (Å9-THC)     0.003     0.16     UI       Δ8-tetrahydrocannabinol (Å9-THC)     0.004     0.66     81.09     81       (6a, 9.5)-Δ10-Tetrahydrocannabinol (Sa, 9.5-Δ10)     0.015     0.016     ND     ND       Hexhydrocannabinol (Samer) (9-HHC)     0.007     0.16     ND     ND       (6a, 9.5)-Δ10-Tetrahydrocannabinol (Samer) (9-HHC)     0.007     0.16     ND     ND       Hexahydrocannabinol (Samer) (9-HHC)     0.016     0.016     ND     ND     ND       Tetrahydrocannabinol (All-THC)     0.016     0.016     ND     ND<		0.005	0.16	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC)     0.004     0.16     81.09     81       (6qR,9S)-Δ10-Tetrahydrocannabinol ((6qR,9S)-Δ10)     0.015     0.16     ND     ND       (6qR,9S)-Δ10-Tetrahydrocannabinol ((5gR,9S)-Δ10)     0.007     0.16     ND     ND       (6qR,9S)-Δ10-Tetrahydrocannabinol ((5gR,9R)-Δ10)     0.007     0.16     ND     ND       (6qR,9R)-Δ10-Tetrahydrocannabinol (16gR,9R)-Δ10)     0.007     0.16     ND     ND       Tetrahydrocannabinol (16gR,9R)-Δ10)     0.016     0.016     ND     ND       48-Tetrahydrocannabinol (Add (THCA)     0.024     0.017     ND     ND       40-Tetrahydrocannabiholic Add (THCA)     0.024     0.017     ND     ND       40-Tetrahydrocannabiholic (48-THCP)     0.016     ND					UI
(60R,9S)-Δ10-Tetrahydrocannabinol ((60R,9S)-Δ10)     0.015     0.16     ND     ND       Hexahydrocannabinol (S Isomer) (9s-HHC)     0.007     0.16     ND     ND       (60R,9S)-Δ10-Tetrahydrocannabinol ((60R,9S)-Δ10)     0.007     0.16     ND     ND       Hexahydrocannabinol (Isomer) (9s-HHC)     0.001     0.16     ND     ND       A9-Tetrahydrocannabinol (Asomer) (9s-HHC)     0.001     0.16     ND     ND       A9-Tetrahydrocannabinol (Asomer) (9s-HHC)     0.014     0.043     ND     ND       Cannabinol Accid (THCA)     0.011     0.043     ND     ND       A9-Tetrahydrocannabiphorol (Δ9-THCP)     0.014     0.043     ND     ND       A9-Tetrahydrocannabiphorol (Δ9-THCP)     0.014     0.045     ND     ND       A8-Tetrahydrocannabiphorol (Δ9-THCP)     0.016     ND     ND     ND     ND       A8-Tetrahydrocannabiphorol (Δ9-THCP)     0.015     0.16     ND					810.90
Hexahydrocannabinol (S Isomer) (9s-HHC)     0.017     0.16     ND       (6aR,9R)-∆10-Tetrahydrocannabinol ((6aR,9R)-∆10)     0.007     0.16     ND     ND       Hexahydrocannabinol (R Isomer) (9r-HHC)     0.016     0.016     ND     ND       Tetrahydrocannabinol Acid (THCA)     0.016     0.016     ND     ND       A9-Tetrahydrocannabinol Acid (THCA)     0.024     0.071     ND     ND       Cannabinol Acetate (CBNO)     0.014     0.043     ND     ND       A9-Tetrahydrocannabinolor (As-THCP)     0.017     0.16     ND     ND       Cannabinol Acetate (CBNO)     0.017     0.16     ND     ND       A8-Tetrahydrocannabinol (As-THCP)     0.017     0.16     ND     ND       Cannabicitran (CBT)     0.005     0.16     ND     ND       A8-THC-O-acetate (Δ8-THCO)     0.031     0.094     ND     ND       9(S)-HHC? (s-HHCP)     0.035     0.16     ND     ND       A9-THC-O-acetate (Δ8-THCO)     0.026     0.079     ND     ND       9(S)-HHC? (s-HHCP)     0.026					ND
(60R,9R)-Δ10-Tetrahydrocannabinol ((60R,9R)-Δ10)     0.007     0.16     ND     ND       Hexahydrocannabinol (R Isomer) (9r-HHC)     0.016     0.16     ND     ND       Tetrahydrocannabinol (Ad ISomer) (9r-HHC)     0.001     0.16     ND     ND       Cannabinol Acid (THCA)     0.001     0.014     0.043     ND     ND       Cannabinol Acid (AFHCP)     0.014     0.043     ND     ND       Cannabinol Acitate (CBNO)     0.017     0.16     ND     ND       A9-Tetrahydrocannabiphorol (AS-THCP)     0.017     0.16     ND     ND       Cannabinol Acitate (CBNO)     0.017     0.16     ND     ND       A8-Tetrahydrocannabiphorol (AS-THCP)     0.017     0.16     ND     ND       Cannabinol Acitate (CBN-     0.017     0.16     ND     ND       A8-Tetrahydrocannabiphorol (AS-THCP)     0.016     ND     ND     ND       A8-THC-O-accette (AS-THCO)     0.031     0.094     ND     ND       A9-THC-O-accette (AS-THCP)     0.066     0.16     ND     ND       A9-					ND
Hexhlydrocannabinol (R Isomer) (9'-HHC)     0.016     ND     ND       Tetrahydrocannabinolic Acid (THCA)     0.001     0.16     ND     ND       A9-Tetrahydrocannabinex (Δ9-THCH)     0.024     0.071     ND     ND       Cannabinol Acetate (CBNO)     0.014     0.043     ND     ND       A9-Tetrahydrocannabinbrorl (Δ9-THCP)     0.017     0.16     ND     ND       A9-Tetrahydrocannabinbrorl (Δ8-THCP)     0.041     0.16     ND     ND       Cannabinol Acetate (CBNO)     0.041     0.16     ND     ND       A9-Tetrahydrocannabinbrorl (Δ8-THCP)     0.041     0.16     ND     ND       Cannabicitran (CBT)     0.041     0.16     ND     ND     ND       A8-Tetrahydrocannabinol (A8-THCO)     0.031     0.094     ND     ND     ND       9(S)-HHCP (s-HHCP)     0.036     0.16     ND     ND     ND     ND       9(S)-HHCP (s-HHCP)     0.026     0.079     ND     ND </td <td></td> <td></td> <td></td> <td></td> <td>ND</td>					ND
Tetrahydrocannabinoli Acid (THCA)   0.001   0.16   ND   ND     Δ9-Tetrahydrocannabinexol (Δ9-THCH)   0.024   0.071   ND   ND     Cannabinol Acetate (CBNO)   0.014   0.043   ND   ND     Δ9-Tetrahydrocannabiphorol (Δ9-THCP)   0.017   0.16   ND   ND     Δ9-Tetrahydrocannabiphorol (Δ9-THCP)   0.017   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A8-Tetrahydrocannabiphorol (A8-THCP)   0.031   0.009   ND   ND     Syn-HCP c-acetate (A8-THCO)   0.031   0.009   ND   ND   ND     Syn-HCP (S-HHCP)   0.026   0.079   ND   <		0.016		ND	ND
A9-Tetrahydrocannabilhexol (A9-THCH)   0.024   0.071   ND   ND     Cannabiloni Acetate (CBNO)   0.014   0.043   ND   ND     A9-Tetrahydrocannabilphorol (A9-THCP)   0.017   0.16   2.00   18     A8-Tetrahydrocannabilphorol (A9-THCP)   0.011   0.16   ND   ND     A8-Tetrahydrocannabilphorol (A9-THCP)   0.011   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A8-THC-O-acetate (A8-THCO)   0.076   0.16   ND   ND     9(S)-HHCP (s-HHCP)   0.031   0.094   ND   ND     A9-Tetrahydrocannabilphorol (A8-THCO)   0.066   0.16   ND   ND     9(S)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(S)-HHC (s-HHCP)   0.005   0.16   ND   ND     9(S)-HHC (s-HHCP)   0.005   0.16   ND   ND     9(S)-HHC-O-acetate (A9-THCO)   0.005   0.16   ND   ND     9(S)-HHC-O-acetate (S-HHCO)   0.005   0.16   ND   ND     9(S)-HHC-O-acetate (S-HHCO)   0.005   <	• • • • •				ND
Cannabiana Acetate (CBNO)   0.014   0.043   ND   AD     A9-Tetrahydrocannabiphorol (A9-THCP)   0.017   0.16   2.00   AD     A8-Tetrahydrocannabiphorol (A9-THCP)   0.041   0.16   ND   MD     Cannabicitran (CBT)   0.05   0.16   ND   MD     A8-Tetrahydrocannabiphorol (A9-THCP)   0.05   0.16   ND   MD     A8-Tetrahydrocannabiphorol (A9-THCP)   0.076   0.16   ND   MD     A8-Tetrahydrocannabiphorol (A9-THCO)   0.076   0.16   ND   MD     A9-THC-O-acetate (A9-THCO)   0.031   0.094   ND   MD     A9-THC-O-acetate (A9-THCO)   0.066   0.16   ND   MD     9(S)-HHCP (r-HHCP)   0.026   0.079   ND   MD     9(S)-HHC-O-acetate (S-HHCO)   0.005   0.16   ND   MD     9(S)-HHC-Mathyde-THCO   0.006					ND
A9-Tetrahydrocannabiphorol (A9-THCP)   0.017   0.16   2.00   15     A8-Tetrahydrocannabiphorol (A8-THCP)   0.041   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A8-THC-0-acetate (A8-THCO)   0.031   0.094   ND   ND     9(5)-HHCP (s-HHCP)   0.031   0.094   ND   ND     9(7)-HHCP (s-HHCP)   0.026   0.16   ND   ND     9(8)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(R)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(R)-HHCP-O-acetate (s-HHCO)   0.026   0.016   ND   ND     9(R)-HHCP-O-acetate (s-HHCO)   0.026   0.020   ND   ND     9(R)-HHCP-O-Acetate (s-HHCO)   0.067   0.204   ND   ND     9(R)-HHCP-O-THC   ND   ND   ND   ND   ND <td></td> <td></td> <td></td> <td></td> <td>ND</td>					ND
A8-Tetrahydrocannabiphorol (A8-THCP)   0.041   0.16   ND   ND     Cannabicitran (CBT)   0.005   0.16   ND   ND     A8-Thc-O-acetate (A8-THCO)   0.076   0.16   ND   ND     9(5)-HHCP (s-HHCP)   0.031   0.094   ND   ND     9(5)-HHCP (s-HHCP)   0.066   0.16   ND   ND     9(R)-HHCP (s-HHCP)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (A9-THCO)   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)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.026   0.079   ND   ND     9(S)-HHC-O-acetate (s-HHCO)   0.026   0.079   ND   ND     3-otyl_AB-Tetrahydrocannabinol (A8-THC-SB)   0.067   0.204   ND   ND     3-otyl_AB-Tetrahydrocannabinol (A8-THC-CB)   ND   ND   ND   ND   ND     3-otyl_AB-Tetrahydrocannabinol (A8-THC-SB)   0.067   0.204   ND   ND   ND   ND   ND		0.017	0.16	2.00	19.97
Cannabiditan (CBT)     0.005     0.16     ND     ND       Δ8-THC-O-acetate (Δ8-THCO)     0.076     0.16     ND     ND       g(S)-HHCP (s-HHCP)     0.031     0.094     ND     ND       Δ9-THC-O-acetate (Δ9-THCO)     0.066     0.16     ND     ND       g(S)-HHCP (s-HHCP)     0.026     0.079     ND     ND       g(S)-HHC-O-acetate (s-HHCO)     0.005     0.16     ND     ND       g-Sy-HHC-O-acetate (s-HHCO)     0.067     0.204     ND     ND       g-Thet methyl ether (s-9.477+ ASTHC)     ND     ND     ND     ND       Total THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + ASTHC + Δ10THC + Δ10THC + Δ10THC + Δ10THC + Δ10THC + Δ10THC + Δ10					ND
Δ8-THC-O-acetate (Δ8-THCO)     0.076     0.16     ND     ND       9(S)-HHCP (s-HHCP)     0.031     0.094     ND     ND       Δ9-THC-O-acetate (Δ9-THCO)     0.066     0.16     ND     ND       9(S)-HHCP (s-HHCP)     0.066     0.16     ND     ND       9(S)-HHCP (s-HHCP)     0.066     0.16     ND     ND       9(S)-HHC-O-acetate (s-HHCO)     0.005     0.16     ND     ND       9-THC methyl ether (s-9.477+A5THC)     ND     ND     ND     ND       0.011 HC (THCa <sup>+</sup> 0.577+A5THC)     ND     ND     ND     ND       Total THC + A8THC + A10THC (THCa <sup>+</sup> -0.577+A9THC + A5THC + A10THC (THCa <sup>+</sup> +0.577+A9THC + A5THC + A10THC (THCa <sup>+</sup> +0.577+A9THC + A5THC + A10THC + A10THC + A5THC + A10THC + A10THC + A10THC + A10THC +					ND
9(5)-HHCP (s-HHCP)     0.031     0.094     ND     ND       Δ9-THC-O-acetate (Δ9-THCO)     0.066     0.16     ND					ND
A9-THC-O-acetate (Δ9-THCO)     0.066     0.16     ND     ND       9(R)-HHCP (r-HHCP)     0.026     0.079     ND     ND       9(R)-HHC-O-acetate (Δ9-THCO)     0.026     0.079     ND     ND       9(R)-HHC-O-acetate (Δ9-HHCO)     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     ND       Total THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10TH					ND
9(R)-HHCP (r-HHCP)     0.026     0.079     ND     ND       9(S)-HHC-O-acetate (s-HHCO)     0.005     0.16     ND     ND       3-octy14.8-Tetrahydrocannabinol (d&-THC-C8)     0.067     0.204     ND     ND       Δ9-THC methyl ether (Δ9-MeO-THCC)      ND     ND     ND       Total THC (* 0.877 + Δ9THC)     ND     ND     ND     ND       Total THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ8THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC + Δ10THC + Δ10THC (THCa <sup>+</sup> 0.877 + Δ9THC + Δ10THC					ND
9(5)-HHC-O-acetate (s-HHCO)     0.005     0.16     ND     ND       3-octipL-&B-Tetrahydrocannabinol (AB-THC-C8)     0.067     0.204     ND     ND       Δ9-THC methyl ether (Δ9-MeO-THC)      ND     ND <td< td=""><td></td><td></td><td></td><td></td><td>ND</td></td<>					ND
3- octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)     0.067     0.204     ND     ND       Δ9-THC methyl ether (Δ9-MeO-THC)     ND     ND <td></td> <td></td> <td></td> <td></td> <td>ND</td>					ND
Δ9-THC methyl ether (Δ9-MeO-THC)     ND     ND       Total THC ( THCa * 0.877 + Δ9THC )     ND     ND       Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )     81.09     811					ND
Total THC ( THCa * 0.877 + Δ9THC )     ND     N       Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )     81.09     811		0.007	0.201		ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) 81.09 81.09					ND
					810.90
					ND
Total CBG ( CBG ° 0.877 + CBG ) ND N					ND
					ND
					898.72

#### HME - Heavy Metals Detection Analysis

Analyzed Mar 13, 2023 | Instrument ICP/MSMS | Method SOP-005

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	
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2	
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	Lead (Pb)	1.0e-05	0.00125	ND	0.5	

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otenctification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 15 Mar 2023 09:16:38 -0700



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# **QA** Testing

## **MIBIG - Microbial Testing Analysis**

Analyzed Mar 13, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

### MTO - Mycotoxin Testing Analysis

Analyzed Mar 14, 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 Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 15 Mar 2023 09:16:38 -0700



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# **QA** Testing

### PES - Pesticides Screening Analysis

Analyzed Mar 14, 2023 | 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	0.0078	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	0.1
Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Piperonyl Butoxide	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

### **RES - Residual Solvents Testing Analysis**

Analyzed Mar 13, 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	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	ND	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	<loq< td=""><td>5000.0</td></loq<>	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	ND	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

#### FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 10, 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 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 15 Mar 2023 09:16:38 -0700



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