PharmLabs San Diego Certificate of Analysis

Sample Papa Jack HHC 3g Disposable Vape pen

Delta9 THC **0.23%** THCa **ND** Total THC (THCa * 0.877 + THC) **0.23%**

Delta8 THC ND



Sample ID SD250207-062 (106	5675)	Matrix Concentrate
Tested for Nice Leaf		
Sampled -	Received Feb 06, 2025	Reported Feb 12, 2025
Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI		Unit Mass (g) 3.0

CANx - Cannabinoids

Analyzed Feb 03, 2025 | Instrument HPLC-VWD | Method SOP-001

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

1-Hydrovy.0-8-Tetrhylpriconnobivorin (H-Hyd-A8-THCV)	Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Abnormaticameabidicrein (C-BIDD) ND ND ND ND ND ND ND	11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND
(+/)-Ph-Judroug-Hexchapteconnbined (Ph-HHC) 0.015 0.045 ND ND ND Hughdroug-Ba-Fritony-drocannobined (H-Hyd-AB-HC) 0.035 0.045 ND ND ND Cannobidgeriol Acid (CBDA) 0.035 0.048 4.09 4.09 4.09 Cannobidgeriol Acid (CBDA) 0.035 0.048 0.05 ND ND ND Cannobidgeriol (CBD) 0.069 0.229 ND ND ND ND USD-Tetrohydrocannobidiol (VS)-H4-CBD) 0.016 0.049 0.022 ND ND ND 18(P)-Tetrohydrocannobidori (VR)-H4-CBD) 0.016 0.049 0.022 ND ND ND 26-Tetrohydrocannobidori (VR)-H4-CBD) 0.016 0.049 0.022 ND ND ND 26-Tetrohydrocannobidori (AB-THCY) 0.016 0.049 0.022 ND ND ND 26-Tetrohydrocannobidori (AB-THCY) 0.01 0.022 ND ND ND 26-Tetrohydrocannobidori (AB-THC) 0.01 0.02 0.02	Cannabidiorcin (CBDO)	0.006	0.02	ND	ND	ND
Tellydrocannobinol (Tellydr-AB-Terton)ydrocannobinol (Tellydr-AB-TERTON) (1994)	Abnormal Cannabidiorcin (a-CBDO)	0.013	0.038	ND	ND	ND
Cannabidialic Acid (CBA) 0.055 0.16 4.0Q 4.0Q 4.0Q Cannabigeral Acid (CBGA) 0.035 0.16 ND ND ND Cannabigeral (CBG) 0.048 0.16 ND ND ND Cannabidial (CBD) 0.069 0.029 ND ND ND 1(R)-Tetrahydrocannabidial (KB)-H4-CBD) 0.016 0.049 ND ND ND 1(R)-Tetrahydrocannabidial (KB)-H4-CBD) 0.016 0.049 ND ND ND AB-tetrahydrocannabidial (KB)-H4-CBD) 0.012 0.055 ND ND ND AB-tetrahydrocannabidial (KB-H4-CBD) 0.014 0.042 ND ND ND Cannabidifised (CBB) 0.014 0.042 ND ND ND ND Cannabidifised (CBB) 0.014 0.042 ND	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.015	0.045	ND	ND	ND
Cannabiger ol (CBGA) 0.035 0.16 ND ND ND Cannabiger ol (CBG) 0.048 0.16 ND ND ND 1(S)-Tetrahydrocannabidol (KS)-H4-CBD) 0.008 0.026 ND ND ND 1(S)-Tetrahydrocannabidol (KS)-H4-CBD) 0.008 0.008 ND ND ND Tetrahydrocannabidol (KS)-H4-CBD) 0.004 0.016 0.049 ND ND ND Eletrahydrocannabidol (KS)-H4-CBD) 0.004 0.012 0.05 ND ND ND Eletrahydrocannabidol (KS)-H4-CBD) 0.014 0.042 ND ND ND Cannabid (CBDH) 0.01 0.027 ND ND ND Cannabid (CBDY) 0.01 0.029 ND ND ND Cannabid (CBDY) 0.01 0.049 ND ND ND Eletrahydrocannabid (Sall STEC) 0.02 0.024 NB ND ND Eletrahydrocannabid (Sall STEC) 0.02 0.02 NB ND <td>11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)</td> <td>0.015</td> <td>0.045</td> <td>ND</td> <td>ND</td> <td>ND</td>	11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	ND
Camabigeral (CES) 0,048 0,16 ND ND ND Camabidalo (CED) 0,069 0,229 ND ND ND VES-Tetrahydrocannabidalol (VIS)-H4-CEBD) 0,008 0,026 ND ND ND VIS)-Tetrahydrocannabidalol (VIS)-H4-CEBD) 0,014 0,042 ND ND ND A8-Tetrahydrocannabidalol (VIS)-H4-CEBD) 0,014 0,042 ND ND ND A8-Tetrahydrocannabidalol (VIS)-H4-CEBD) 0,014 0,042 ND ND ND A8-Tetrahydrocannabidalol (A8-THCV) 0,014 0,042 ND ND ND Tetrahydrocannabidalol (A8-THCB) 0,014 0,042 ND ND ND Tetrahydrocannabidalol (A8-THCB) 0,016 0,049 ND ND ND Cannabidishoral (CEBDP) 0,016 0,049 ND ND ND Cannabidishoral (CEBD-THCB) 0,016 0,08 ND ND ND Cannabidishoral (CEBD-THCB) 0,016 0,08 ND	Cannabidiolic Acid (CBDA)	0.033	0.16	<loq< td=""><td><loq< td=""><td><loq< td=""></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Camabidol (CBD) 0.099 0.299 N.D N.D N.D N.D (R)-Tetrahydrocamabidol ((R)-H4-CBD) 0.008 0.026 N.D N.D N.D (R)-Tetrahydrocamabidol ((R)-H4-CBD) 0.008 0.026 N.D N.D N.D (R)-Tetrahydrocamabidol ((R)-H4-CBD) 0.008 0.026 N.D N.D N.D (R)-Tetrahydrocamabidol (R)-H4-CBD) 0.008 0.026 N.D N.D N.D (R)-Retrahydrocamabidol (R)-H4-CBD) 0.010 0.029 N.D N.D N.D (R)-Retrahydrocamabidol (R)-HCBD) 0.010 0.029 N.D N.D N.D (R)-Retrahydrocamabidol (R)-HCBD) 0.010 0.047 0.16 0.09 N.D N.D (R)-Retrahydrocamabidol (R)-HCBD) 0.010 0.047 0.16 0.09 N.D N.D (R)-Retrahydrocamabidol (R)-HCBD) 0.010 0.049 0.07 0.0	Cannabigerol Acid (CBGA)	0.033	0.16	ND	ND	ND
163)-terchydrocannobidol (163)-t44-C8D) 0.008 0.026 ND ND ND ND ND 167)-terchydrocannobidol (167)-t41-C8D) 0.016 0.016 0.016 0.016 ND ND ND ND ND ND ND N	Cannabigerol (CBG)	0.048	0.16	ND	ND	ND
IRI)-terchydrocannobiaria (IRI)-H4-CBD)	Cannabidiol (CBD)	0.069	0.229	ND	ND	ND
Tetrahydrocannobivarin (THCV)	1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.008	0.026	ND	ND	ND
Δ8-tertohydrocannobivorin (Δ8-THCV)	1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.016	0.049	ND	ND	ND
Cannabidihexol (CBDH) 0.014 0.042 ND ND ND ND ND ND Centralpriorcennobutol (Δβ-THCB) 0.014 0.029 ND ND ND ND ND ND ND ND Connabinal (CBN) 0.047 0.16 0.029 ND	Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.012	0.036	ND	ND	ND
Cannabinal (EBN) 0.047 0.16 cLOQ cLOQ Cannabinal (EBP) 0.016 0.049 ND ND ND cerv-THC (EO-FHC) 0.005 0.16 ND ND ND Tetrahydrocannabinal (39-THC) 0.092 0.307 0.23 2.27 6.81 Δ8-tetrahydrocannabinal (49-THC) 0.044 0.16 ND ND ND MB-exhalydrocannabinal (51 Somer) (9s-HHC) 0.017 0.8 18.94 19.40 56.20 (66R,9R)-Δ10-Tetrahydrocannabinal (168R,9R)-Δ10) 0.007 0.8 ND ND ND Mexhalydrocannabinal (Risomer) (9s-HHC) 0.016 0.8 41.22 412.25 1236.75 Tetrahydrocannabinal (Risomer) (9s-HHC) 0.016 0.8 41.22 412.25 1236.75 Tetrahydrocannabinal (Risomer) (9s-HHC) 0.017 0.8 4.0 ND ND Cannabinal Acetate (SR) 0.017 0.8 4.0 ND ND ND QS-Tetrahydrocannabinelic Acid (9(S)-HHCa) 0.03 <	Cannabidihexol (CBDH)	0.014	0.042	ND	ND	ND
Cannabidiphoral (CBDP) 0.016 0.049 ND ND ND exo-THC (exo-THC) 0.005 0.16 ND ND ND De sor-THC (exo-THC) 0.005 0.05 ND ND ND Etertahydrocannobinol (A9-THC) 0.044 0.16 ND ND ND (66R,95)-Δ10-Tetrahydrocannobinol (I66R,95)-Δ10) 0.015 0.8 ND ND ND (66R,98)-Δ10-Tetrahydrocannobinol (I68R,98)-Δ10) 0.007 0.8 ND ND ND Eterahydrocannobinol (I68R,98)-Δ10-Tetrahydrocannobinol (I68R,98)-Δ10-Tetrahydrocannobinol (I68R,98)-Δ10-Tetrahydrocannobinol (A019 (IFE) 0.009 0.007 ND ND ND (95)-Hexbildydocannobinolic Acid (9(S)-HHC0) 0.009 0.027 ND ND	Tetrahydrocannabutol (Δ9-THCB)	0.01	0.029	ND	ND	ND
exo-THC (exo-THC) 0.005 0.16 ND ND ND Tetrahydrocannabinol (Δ9-THC) 0.092 0.307 0.23 2.27 6.81 Δ8-1etrahydrocannabinol (β8-THC) 0.044 0.16 ND ND ND (6α,9S)-Δ10-Tetrahydrocannabinol ((6α,9S)-Δ10) 0.015 0.8 ND ND ND Hexahydrocannabinol ((6α,9S)-Δ10) 0.017 0.8 18.94 189.40 568.20 (6α,9R)-Δ10-Tetrahydrocannabinol ((6α,9S)-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (R1 Isomer) (9r-HHC) 0.016 0.8 41.22 412.25 1236.75 Tetrahydrocannabinol (Acid (THCA) 0.017 0.38 ND ND ND 49-Tetrahydrocannabinol (Acid (9R)-HHCA) 0.017 0.38 ND ND ND 49-Tetrahydrocannabinol (Acid (9S)-HHCA) 0.022 0.061 ND ND ND 49-Tetrahydrocannabinol (Acid (9S)-HHCA) 0.063 0.065 ND ND ND 49-Tetrahydrocannabinol (Acid (9S)-H	Cannabinol (CBN)	0.047	0.16	<l0q< td=""><td><loq< td=""><td><l0q< td=""></l0q<></td></loq<></td></l0q<>	<loq< td=""><td><l0q< td=""></l0q<></td></loq<>	<l0q< td=""></l0q<>
Tetrahydrocannabinol (Δ9-THC) 0.092 0.307 0.23 2.27 6.81 Δ8-tetrahydrocannabinol (Δ8-THC) 0.044 0.16 ND ND ND (6α, 9.5)-Δ10-Tetrahydrocannabinol (58-THC) 0.015 0.8 ND ND ND Hexahydrocannabinol (58-Texpl-A10) 0.017 0.8 18.94 189.40 568.20 (6α, 9.87)-Δ10-Tetrahydrocannabinol (68-R, 97)-Δ10) 0.007 0.8 ND ND ND (6α, 9.87)-Δ10-Tetrahydrocannabinol (168-R, 97)-Δ10) 0.016 0.8 41.22 412.25 123.67.5 Tetrahydrocannabinolic (18 somer) (9r-HHC) 0.016 0.8 41.22 412.25 123.67.5 Tetrahydrocannabinolic Acid (18 somer) (9r-HHC) 0.017 0.8 ND ND ND Δ9-Tetrahydrocannabinolic Acid (19 (9r-HHC) 0.017 0.8 ND ND ND Q59-Hexahydrocannabinolic Acid (9(8)-HHC) 0.063 0.065 ND ND ND Q69-Hexahydrocannabinolic Acid (9(8)-HHC) 0.017 0.8 ND ND ND	Cannabidiphorol (CBDP)	0.016	0.049	ND	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC) 0.044 0.16 ND ND ND (6σ4, 9S)-Δ10-Tetrahydrocannabinol ((6σ4, 9S)-Δ10) 0.015 0.8 ND ND ND (6σ4, 9S)-Δ10-Tetrahydrocannabinol ((6σ4, 9S)-Δ10) 0.007 0.8 18.94 189.40 568.20 (6σ4, 9S)-Δ10-Tetrahydrocannabinol (66σ4, 9S)-Δ10 0.007 0.8 ND ND ND Hexahydrocannabinol (600, 9S)-C10-Tetrahydrocannabinol (600, 9S)-Δ10-Tetrahydrocannabinol (8D 0.016 0.8 41.22 412.25 1256.75 Tetrahydrocannabinolic (400, 9S)-HICO) 0.016 0.8 41.22 412.25 1256.75 Tetrahydrocannabinolic (409-THCA) 0.01 0.02 0.061 ND ND ND 409-Tetrahydrocannabinolic Acid (9S)-HICO) 0.009 0.027 ND ND ND 409-Herbydrocannabinolic Acid (9(S)-HICO) 0.019 0.019 ND ND ND 409-Tetrahydrocannabiphorol (49-HICO) 0.019 0.019 ND ND ND 409-Tetrahydrocannabiphorol (49-HICO) 0.019 0.01	exo-THC (exo-THC)	0.005	0.16	ND	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) 0.015 0.8 ND ND ND Hexahydrocannabinol (S Isomer) (9s-HHC) 0.017 0.8 18.94 189.40 566.20 (6aR,9R)-Δ10-Tetrahydrocannabinol (Red R,9R)-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (R Isomer) (9s-HHC) 0.016 0.8 41.22 412.25 1256.75 Tetrahydrocannabinolic Keid (THCA) 0.017 0.389 ND ND ND A9-Tetrahydrocannabinolic Acid (THCA) 0.009 0.027 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND Cannabinol Acetate (CBNO) 0.006 0.065 ND ND ND 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.065 ND ND ND A9-Tetrahydrocannabinolic Acid (9(S)-HHCa) 0.019 0.019 ND ND ND A9-Tetrahydrocannabinolic Acid (9(S)-HHCa) 0.019 0.019 ND ND ND A9-Tetrahyd	Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.23	2.27	6.81
Hexahydrocannabinol (S Isomer) (9s-HHC) 0.017 0.8 18.94 189.40 568.20 (6af. 89h)-Δ10-Tetrahydrocannabinol (6af. 99h-Δ10) 0.007 0.8 ND ND ND Hexahydrocannabinol (R Isomer) (9r-HHC) 0.016 0.8 41.22 412.25 1236.75 Etrahydrocannabinolic Acid (THCA) 0.017 0.389 ND ND ND Δ9-Tetrahydrocannabinolic Acid (THCA) 0.02 0.061 ND ND ND Cannabinol Aceitate (CBNO) 0.009 0.027 ND ND ND S(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.065 ND ND ND S(R)-Hexahydrocannabipinolic Acid (9(S)-HHCa) 0.019 0.016 NB ND ND ND S(P)-Hexahydrocannabipinolic Acid (9(S)-HHCa) 0.017 0.8 ND ND<	Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	ND
(6αR,9R)-Δ10-Tetrahydrocannabinol ((6αR,9R)-Δ10) 0.007 0.8 ND ND ND Hexabydrocannabinol (R Isomer) (9r-HHC) 0.016 0.8 41.22 412.25 1236.75 Tetrahydrocannabinolic Acid (THCA) 0.117 0.389 ND ND ND A9-Tetrahydrocannabinolic Acid (A9-THCH) 0.02 0.061 ND ND ND Cannabinoli Acetate (CBNO) 0.009 0.027 ND ND ND 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.065 ND ND ND 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa) 0.019 0.076 NB ND ND ND 9(R)-Hexahydrocannabiphorol (A9-THCP) 0.017 0.8 ND	(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC) 0.016 0.8 41.22 412.25 1236.75 Tetrahydrocannabinolic Acid (THCA) 0.117 0.389 ND ND ND Δ9-Tetrahydrocannabinexol (Δ9-THCH) 0.02 0.061 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.065 ND ND ND 9(S)-Hexahydrocannabinolic Acid (9(R)-HHCa) 0.019 0.196 ND ND ND 49-Tetrahydrocannabinolic Acid (9(R)-HHCa) 0.017 0.8 ND ND ND Δ9-Tetrahydrocannabinolic Acid (9(R)-HHCa) 0.017 0.8 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ8-THCP) 0.011 0.8 ND ND ND Cannabicitran (CBT) 0.021 0.8 ND ND ND A8-THC-O-acetate (Δ8-THCO) 0.015 0.01 ND ND 9(S)-HHCP (-HHCP) 0.016 0.8 ND <td>Hexahydrocannabinol (S Isomer) (9s-HHC)</td> <td>0.017</td> <td>0.8</td> <td>18.94</td> <td>189.40</td> <td>568.20</td>	Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	18.94	189.40	568.20
Tetrahydrocannabinolic Acid (THCA) 0.117 0.389 ND ND ND Δ9-Tetrahydrocannabinolic Acid (Q9-THCH) 0.02 0.061 ND ND ND Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND Q(S)-Hexahydrocannabinolic Acid (Q(S)-HHCa) 0.063 0.065 ND ND ND Q(S)-Hexahydrocannabinolic Acid (Q(S)-HHCa) 0.019 0.09 ND ND ND A9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.011 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 0.23 2.31 6.93 A8-THC-O-acetate (Δ8-THCO) 0.076 0.8 ND ND ND Q(S)-HHCP (-s-HHCP) 0.013 0.041 ND ND ND A9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND Q(S)-HHCP (-s-HHCP) 0.013 0.041 ND ND </td <td>(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)</td> <td>0.007</td> <td>0.8</td> <td>ND</td> <td>ND</td> <td>ND</td>	(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 Cannabinol Acetate (CBNO) 0.009 0.027 ND ND ND 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.055 ND ND ND 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa) 0.019 0.196 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabictran (CBT) 0.005 0.16 0.23 2.31 6.93 Δ8-THC-O-acetate (Δ8-THCO) 0.006 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) 0.001 0.045 ND ND <t< td=""><td>Hexahydrocannabinol (R Isomer) (9r-HHC)</td><td>0.016</td><td>0.8</td><td>41.22</td><td>412.25</td><td>1236.75</td></t<>	Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	41.22	412.25	1236.75
Cannabinal Acetate (CBNO) 0.009 0.027 ND ND ND 9(5)-Hexahydrocannabinalic Acid (9(5)-HHCa) 0.063 0.065 ND ND ND 9(R)-Hexahydrocannabinalic Acid (9(R)-HHCa) 0.191 0.196 ND ND ND 9(R)-Hexahydrocannabinalic Acid (9(R)-HHCa) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphoral (Δ8-THCP) 0.041 0.8 ND ND ND Δ8-Tetrahydrocannabiphoral (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 0.23 2.31 6.93 Δ8-THC-O-acetate (Δ8-THCO) 0.013 0.041 ND ND ND 9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 9(R)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 9(R)-HHCP (s-HHCP) 0.05 0.045 ND ND ND 9(R)-HHCP (s-HHCP) 0.013 0.045 ND ND ND </td <td>Tetrahydrocannabinolic Acid (THCA)</td> <td>0.117</td> <td>0.389</td> <td>ND</td> <td>ND</td> <td>ND</td>	Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	ND	ND	ND
9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa) 0.063 0.065 ND ND ND 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa) 0.191 0.196 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 0.23 2.31 6.93 Δ8-THC-O-acetate (Δ8-THCO) 0.016 0.8 ND ND ND 9(S)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 9(R)-HHCP (s-HHCP) 0.016 0.8 ND ND ND 9(R)-HHCP (s-HHCP) 0.013 0.041 ND ND ND 9(R)-HHCP (s-HHCP) 0.015 0.045 ND ND ND 9(R)-HHCP (s-HHCP) 0.015 0.045 ND ND ND 9(R)-HHCP (s-HHCP) 0.015 0.045 ND ND ND 9(R)-HHCP (s-HCP) 0.012 0.023 ND ND ND <	Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.02	0.061	ND	ND	ND
9(R)-Hexaflydrocannabinolic Acid (9(R)-HHCa) 0.191 0.196 ND ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 0.23 2.31 6.93 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(R)-HHC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 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 (s-HHCO) 0.037 0.012 ND ND ND 9(R)-HHC-O-acetate (s-HHCO) 0.037 0.012 0.062 ND ND ND 9(R)-HHC-O-acetate (s-HCO) 0.037 0.012 0.062 N	Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.8 ND ND ND Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabichtran (CBT) 0.005 0.16 0.23 2.31 6.93 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(S)-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 (s-HHCO) 0.031 0.093 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.031 0.093 ND ND ND 3-ctyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND	9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)	0.063	0.065	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.8 ND ND ND Cannabicitran (CBT) 0.005 0.16 0.23 2.31 6.93 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) 0.015 0.045 ND ND ND 9(S)-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 3-ctlyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa*0.877 + Δ9THC) 0.023 0.23 2.27 6.81 Total THC + ΔBTHC + Δ10THC (THCa*0.877 + Δ9THC + ΔBTHC + Δ	9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)	0.191	0.196	ND	ND	ND
Cannabicitran (CBT) 0.005 0.16 0.23 2.51 6.93 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-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 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 7 total THC (THCa*0.877 + Δ9THC) 0.021 0.062 ND ND ND 7 total CBG* (CBGa*0.877 + CBG*) 0.23 2.27 6.81 7 total CBG* (CBGa*0.877 + CBG*)	Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.8	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 Δ9-THC-O-acetate (Δ9-THCO) 0.066 0.8 ND ND ND 9(S)-HHC-O-acetate (s-HHCO) 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-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.023 0.23 0.27 6.81 1-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.023 0.23 0.27 6.81 1-cetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 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(R)-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) 0.23 2.27 6.81 Total CBG (CBGa · 0.877 + CBD) ND ND ND Total CBG (CBGa · 0.877 + CBG) ND ND ND Total CHG (CBGa · 0.877 + CBG) ND ND ND Total CHG (CBGa · 0.877 + CBG) ND ND ND Total CHG (CBGa · 0.877 + CBG) ND ND ND Total CHG (CBGa · 0.877 + CBG) ND ND ND	Cannabicitran (CBT)	0.005	0.16	0.23	2.31	6.93
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-octyl-Δ8-Tetrahydrocannobinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa*0.877 + Δ9THC) 0.23 2.27 6.81 Total THC + ΔΦTHC +	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-octal-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCα * 0.877 + Δ9THC + Δ8THC + Δ10THC) 0.23 2.27 6.81 Total CBD (CBDα * 0.877 + CBD) ND ND ND Total CBG (CBGα * 0.877 + CBG) ND ND ND Total HHC (9*-HHC + 9s-HHC) 60.16 601.65 1804.95	9(S)-HHCP (s-HHCP)	0.013	0.041	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-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCα-0.877 + Δ9THC) 0.23 2.27 6.81 Total THC + Δ8THC + Δ10THC (THCα-0.877 + Δ9THC + Δ8THC + Δ10THC) 0.23 2.27 6.81 Total CBD (CBDα-0.877 + CBD) ND ND ND Total CBG (CBGα-0.877 + CBC) ND ND ND Total HHC (9r-HHC + 9s-HHC) 60.16 60.165 1804.95	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 (THca* 0.877 + Δ9THC) 0.23 2.27 6.81 Total THC + Δ8THC + Δ10THC (THca* 0.877 + Δ9THC + Δ8THC + Δ10THC) ND ND ND Total CBD (CBDa* 0.877 + CBD) ND ND ND Total CBG (CBGa* 0.877 + CBG) ND ND ND Total HHC (9*-HHC + 9*-HHC) 60.16 601.65 1804.95	9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	ND
3- octyl-Δ8-Tetrahydrocannobinol (Δ8-THC-C8) 0.021 0.062 ND ND ND Total THC (THCa * 0.877 + Δ97HC) 0.23 2.27 6.81 Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ97HC + Δ8THC + Δ10THC) 0.23 2.27 6.81 Total CBD (C8Da * 0.877 + C8D) ND ND ND Total CBG (C8Ga * 0.877 + C8G) ND ND ND Total HHC (9*-HHC + 9*-HHC) 60.16 60.165 1804.95	9(S)-HHC-O-acetate (s-HHCO)	0.037	0.112	ND	ND	ND
Τοταί ΤΗC (ΤΗCα * 0.877 + Δ9ΤΗC) 0.23 2.27 6.81 Τοταί ΤΗC + Δ8ΤΗC + Δ10ΤΗC (ΤΗCα * 0.877 + Δ9ΤΗC + Δ10ΤΗC) 0.23 2.27 6.81 Τοταί CBD (CBDα * 0.877 + CBD) ND ND ND Τοταί CBG (CBGα * 0.877 + CBG) ND ND ND Τοταί HHC (9r-HHC + 9s-HHC) 60.16 601.65 1804.95	9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ10THC) 0.23 2.27 6.81 Total CBD (CBDa * 0.877 + CBD) ND ND ND Total CBG (CBGa * 0.877 + CBG) ND ND ND Total HHC (9r-HHC + 9s-HHC) 60.16 601.65 1804.95	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) 60.16 601.65 1804.95	Total THC (THCα * 0.877 + Δ9THC)			0.23	2.27	6.81
Total CBG (CBGa * 0.877 + CBG) ND ND ND Total HHC (9r-HHC + 9s-HHC) 60.16 601.65 1804.95	Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ10THC)			0.23	2.27	6.81
Total HHC (9r-HHC + 9s-HHC) 60.16 601.65 1804.95	Total CBD (CBDa * 0.877 + CBD)			ND	ND	ND
	Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total Cannabinoids Analyzed 60.62 606.23 1818.69	Total HHC (9r-HHC + 9s-HHC)			60.16	601.65	1804.95
	Total Cannabinoids Analyzed			60.62	606.23	1818.69



HME - Heavy Metals

Analyzed Feb 07, 2025 | Instrument ICP/MSMS | Method SQP-005

Andrigated Teb 07, 2023 instrument for your of the control of th									
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g					
Arsenic (As)	0.0009	0.0027	0.01	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					

UI Unidentified
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
-CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count

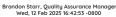


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Authorized Signature

Brandon Starr





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QA Testing

MIBIG - Microbial

Analyzed Feb 10, 2025 | 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	1
Salmonella spp.	1.0	1.0	ND	1
Aspergillus fumigatus	1.0	1.0	ND	1
Aspergillus flavus	1.0	1.0	ND	1
Aspergillus niger	1.0	1.0	ND	1
Aspergillus terreus	1.0	1.0	ND	1

MTO - Mycotoxin

Analyzed Feb 10, 2025 | 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
<.QO Detected
>ULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager Wed, 12 Feb 2025 16:42:53 -0800



PES - Pesticides

Analyzed Feb 10, 2025 | 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	
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	
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	ND		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	ND	
Acequinocyl	0.02	0.09	ND		Captan	0.01	0.02	ND	
Fenhexamid	0.02	0.07	ND		Spinetoram J,L	0.02	0.07	ND	

RES - Residual Solvents

Analyzed Feb 10, 2025 | 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	<loq< td=""><td>3000</td><td>Ethylene Oxide (EthOx)</td><td>0.08</td><td>0.4</td><td>ND</td><td>1</td></loq<>	3000	Ethylene Oxide (EthOx)	0.08	0.4	ND	1
Pentane (Pen)	0.024	0.4	ND	5000	Ethanol (Ethan)	0.048	0.4	109.1	5000
Ethyl Ether (EthEt)	0.036	0.4	ND	5000	Acetone (Acet)	0.044	0.4	<loq< td=""><td>5000</td></loq<>	5000
Isopropanol (2-Pro)	1.16	3.868	<loq< td=""><td>5000</td><td>Acetonitrile (Acetonit)</td><td>0.888</td><td>2.952</td><td><loq< td=""><td>410</td></loq<></td></loq<>	5000	Acetonitrile (Acetonit)	0.888	2.952	<loq< td=""><td>410</td></loq<>	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	78.4	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	Xylenes (Xyl)	0.012	0.4	ND	2170

FVI - Filth & Foreign Material Inspection

Analyzed Feb 07, 2025 | 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 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



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Authorized Signature

Brandon Starr Brandon Starr, Quality Assurance Manager Wed, 12 Feb 2025 16:42:53 -0800

