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PharmLabs San Diego Certificate of Analysis

Sample B070224 D9 D8 HHC HHCP THCP CBN





Delta9 THC 0.34% THCa ND Total THC (THCa*0.877 + THC) 0.34%

6 Delta8 THC 2.17%

Sample ID SD240710-035 (94009) Matrix Edible/Tincture (Other Cannabis Good)								
Tested for Mako Inc. Sampled - Batch - G150SINK435	Received Jul 10, 2024 Reported Jul 11, 2024							
Analyses executed CANX, D9C		Unit Mass (g) 54.29	Num. of Servings 12	Serving Size (g) 4.52				

Summary D9C: The total **Δ9-THC content** in this sample is 0.34%. For the most accurate **Δ9-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 **Δ9-THC** and **Δ9-THC** due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, ifTHCa is present, the **Δ9-THC** level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation Analysis

Analyzed Jul 11, 2024 | Instrument GC MS/MS | Method SOP-041 D9C

Analyte	LOD ppb	LOQ ppb	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
Δ4(8)-iso-Tetrahydrocannabinol ($Δ4(8)$ -iso-THC)	1.198	3.632	0.12	1.15	5.20	62.43
Δ9-Tetrahydrocannabinol (Δ9-THC)	1.462	4.432	0.34	3.44	15.55	186.76
Total D 9-THC			0.34	3.44	15.55	186.76
Total Cannabinoids Analyzed	-	-	0.46	4.59	20.75	249.19

CANX - Cannabinoids Analysis

Analyzed Jul 11, 2024 | Instrument HPLC-VWD | Method SOP-001 The expanded Uncertainty of the Cannabinoid analysis is approximately **3**.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
11-Hydroxy-∆8-Tetrahydrocannabivarin (11-Hyd-∆8-THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND	ND
11-Hydroxy-∆8-Tetrahydrocannabinol (11-Hyd-∆8-THC)	0.007	0.021	ND	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND	ND
1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.013	0.041	ND	ND	ND	ND
1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.025	0.075	ND	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.00	0.03	0.14	1.63
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	0.01	0.08	0.36	4.34
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	0.22	2.19	9.90	118.90
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.34	3.39	13.56	162.72
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	2.17	21.67	97.95	1176.46
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	0.16	1.63	7.37	88.49
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	0.54	5.37	24.27	291.54
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	0.00	0.03	0.14	1.63
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	0.03	0.33	1.49	17.92
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	0.01	0.05	0.23	2.71
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	0.00	0.03	0.14	1.63
Δ 9-THC-O-acetate (Δ 9-THCO)	0.066	0.16	ND	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	0.04	0.35	1.58	19.00
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			0.52	5.19	23.46	281.77
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			2.69	26.86	121.41	1458.23
Total CBD (CBDa * 0.877 + CBD)			ND	ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			0.70	7.00	31.64	380.03
Total Cannabinoids Analyzed			3.70	36.95	167.01	2006.02

UI Unidentified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otection LOQ Limit of Unotification <LOQ Detected >ULOL Above upper limit of linearity CFU/Q Colong Forming Units per 1 gram TNTC Too Numerous to Count



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Authorized Signature Brandon Starr

Brandon Starr, Lab Manager Thu, 11 Jul 2024 13:43:21 -0700



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