PharmLabs San Diego Certificate of Analysis

Sample Thunderdome Death Star 1g Dispo

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

Delta8 THC 1.82%



Sample ID SD241019-016 (100643)			Matrix Concentrate	
Distributor License 090008555		Address 1007 Grove St, Orange, CA 92865		Name Simple Inc
Sampled -	Received Oct 18, 2024		Reported Nov 04, 2024	
Analyses executed CANX, D9C				

Laboratory note: COA Update 11/04/24: Updated HPLC Potency Reporting Format

Summary D9C: The total $\Delta 9$ -THC content in this sample is 0.00%. For the most accurate $\Delta 9$ -THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation

D9C - D9 Confirmation Analysis

Analyzed Oct 25, 2024 | Instrument GC MS/MS | Method SOP-041 D9C
The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD	LOQ	Result	Result
	ppb	ppb	%	mg/g
Δ 9-Tetrahydrocannabinol (Δ 9-THC)	1.462	4.432	0.00	0.00

CANx - Cannabinoids Analysis

Analyzed Nov 04, 2024 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately ${\it 47.806}\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.013	0.041	ND	ND
1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.025	0.075	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	0.44	4.40
Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabidiphorol (CBDP)	0.015	0.047	0.36	3.61
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	D9C	D9C
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	1.82	18.20
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.126	0.42	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	8.52	85.22
$(6aR,9R)-\Delta 10$ -Tetrahydrocannabinol $((6aR,9R)-\Delta 10)$	0.118	0.39	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	23.36	233.57
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ9-Tetrahydrocannabihexol (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	38.84	388.42
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	0.53	5.33
Cannabicitran (CBT)	0.005	0.16	ND	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(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ10THC)			1.82	18.20
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			31.88	318.79
Total Cannabinoids Analyzed			73.88	738.75

Sample photography



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



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager Mon, 04 Nov 2024 14:52:37 -0800

