

PharmLabs San Diego Certificate of Analysis



Sample **Sumo Gummies Slushie**

Delta9 THC	0.26%	THCa	ND	Total THC (THCa * 0.877 + THC)	0.26%	Delta8 THC	8.21%
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Sample ID	SD241008-076 (100535)	Matrix	Edible
Tested for	Fresh Farms E-Liquid LLC	Received	Oct 08, 2024
Sampled	-	Reported	Oct 14, 2024
Analyses executed	CANX, D9C	Unit Mass (g)	108.946
		Num. of Servings	25
		Serving Size (g)	4.36

Summary **D9C**: The total **Δ9-THC** content in this sample is 0.26%. 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 **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 14, 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 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	0.24	2.35	10.25	256.02
Δ9-Tetrahydrocannabinol (Δ9-THC)	1.462	4.432	0.26	2.64	11.51	287.62
<b>Total Δ9-THC</b>			0.26	2.64	11.51	287.62
<b>Total Cannabinoids Analyzed</b>	-	-	0.50	4.99	21.76	543.64

**CANx - Cannabinoids Analysis**

Analyzed Oct 11, 2024 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiol (CBD)	0.006	0.02	ND	ND	ND	ND
Abnormal Cannabidiol (a-CBDO)	0.013	0.038	ND	ND	ND	ND
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.015	0.045	ND	ND	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.033	0.16	0.04	0.36	1.57	39.22
Cannabigerol Acid (CBGA)	0.033	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.048	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.069	0.229	0.01	0.11	0.48	11.98
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.008	0.026	ND	ND	ND	ND
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.016	0.049	ND	ND	ND	ND
Tetrahydrocannabinol (THCV)	0.049	0.162	0.01	0.06	0.26	6.54
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.012	0.036	0.02	0.22	0.96	23.97
Cannabidiol (CBDH)	0.014	0.042	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THCB)	0.01	0.029	ND	ND	ND	ND
Cannabinol (CBN)	0.047	0.16	0.03	0.28	1.22	30.50
Cannabiphorol (CBDP)	0.016	0.049	ND	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.66	6.58	28.69	716.86
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	8.21	82.09	357.91	8647.81
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	ND	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	ND	ND	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.02	0.061	ND	ND	ND	ND
Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.8	0.54	5.45	23.76	594.05
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.8	ND	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	ND	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.013	0.041	ND	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.8	ND	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.037	0.112	ND	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	ND	ND	ND	ND
<b>Total THC ( THCa * 0.877 + Δ9THC )</b>			0.66	6.58	28.69	716.86
<b>Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )</b>			8.59	85.91	374.59	9364.67
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			0.04	0.43	1.86	46.38
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			ND	ND	ND	ND
<b>Total HHC ( 9r-HHC + 9s-HHC )</b>			ND	ND	ND	ND
<b>Total Cannabinoids Analyzed</b>			9.19	91.92	400.79	10019.73



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



DCC license: C8-0000098-LIC  
DEA license: RP0611043  
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Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
Mon, 14 Oct 2024 15:24:49 -0700

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