PharmLabs San Diego Certificate of Analysis

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Sample Chem Sorbet

Sample ID		Matrix Flower (Inhalable Cannabis Good)
Tested for		
Sampled -	Received Jan 22, 2022	Reported Jan 22, 2022
Analyses executed CAN+		

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.40% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromotogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. 4t this time there are no reference standards available for (+)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. The estimated total d8-THC contentration is 3.5%.

*CAN+ - Cannabinoids Analysis

Analyzed Jun 22, 2022 | Instrument HPLC-VWD | Method SOP-001

Measurement Uncertainty	at 95% confidence 7.806 %
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Cannabidivarin (CBDV) 0.039 0.16 ND ND Cannabidiolic Acid (CBDA) 0.001 0.16 1.21 12.09 Cannabidiolic Acid (CBGA) 0.001 0.16 1.21 12.09 Cannabigerol Acid (CBGA) 0.001 0.16 1.69 16.87 Cannabigerol (CBG) 0.001 0.16 0.14 1.44 Cannabidiol (CBD) 0.001 0.16 ND ND Cannabidiol (CBN) 0.001 0.16 ND ND Cannabidiol (CBN) 0.001 0.16 ND ND Cannabidiol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol (AB-THC) 0.001 0.16 ND ND Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabicyclor (CBC) 0.002 0.16 0.03 0.26 Cannabicyclor (CBC) 0.002 0.16 0.03 0.26					
Cannabidolic Acid (CBDA) 0.001 0.16 1.21 12.09 Cannabigerol Acid (CBGA) 0.001 0.16 1.69 16.87 Cannabigerol (CBG) 0.001 0.16 0.14 1.44 Cannabidiol (CBD) 0.001 0.16 1.64 16.36 Cannabidrol (CBN) 0.001 0.16 ND ND Cannabidrol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI Δ8-tetrahydrocannabinol (Δ8-THC) 0.003 0.16 0.91 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 2.91 2.90 Cannabicyclor (CBL) 0.002 0.16 0.15 1.51 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.002	Analyte			Result %	
Cannabigerol Acid (CBGA) 0.001 0.16 1.69 16.87 Cannabigerol (CBG) 0.001 0.16 0.14 1.44 Cannabigior (CBD) 0.001 0.16 1.64 16.36 Tetrahydrocannabivarin (THCV) 0.001 0.16 ND ND Cannabinol (CBN) 0.001 0.16 ND ND Tetrahydrocannabivarin (THCV) 0.003 0.16 ND ND Cannabinol (AB-THC) 0.003 0.16 UI UI Date that hydrocannabinol (AB-THC) 0.004 0.16 0.93 0.16 Cannabicyclol (CBL) 0.004 0.16 0.93 0.16 Cannabicyclor (CBL) 0.002 0.16 0.03 0.26 Cannabicyclor (CBL) 0.002 0.16 0.15 1.51 Tetrahydrocannabinol Acid (THCA) 0.001 0.16 0.15 1.51 Tetrahydrocannabinol Acid (THCA) 0.002 0.16 0.15 1.51 Tetrahydrocannabinol Acid (THCA) 0.001 0.16 0.15 1.51 Tetrahydrocannabinol Acid (THCA) 0.002	Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabigerol (CBG) 0.001 0.16 0.14 1.44 Cannabidiol (CBD) 0.001 0.16 1.64 16.36 Tetrahydrocannabivarin (THCV) 0.001 0.16 ND ND Cannabinol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.01 0.16 0.32 30.24 Total THC (THCa * 0.877 + Δ9THC + Δ8THC) 2.91 2.92 2.84 Total CBD (CBGa* 0.877 + CBD) 2.91 2.92 2.84 Total CBD (CBGa* 0.877 + CBD) 2.91 2.92 2.84 Total CBC (CBGa* 0.877 + CBD) 2.92 2.92 2.92	Cannabidiolic Acid (CBDA)	0.001	0.16	1.21	12.09
Cannabidiol (CBD) 0.001 0.16 1.64 16.36 Tetrahydrocannabivarin (THCV) 0.001 0.16 ND ND Cannabinol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 ND UI Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.03 0.24 Total THC (THCa * 0.877 + Δ9THC) ************************************	Cannabigerol Acid (CBGA)	0.001	0.16	1.69	16.87
Tetrahydrocannabivarin (THCV) 0.001 0.16 ND ND ND Cannabinol (CBN) 0.001 0.16 ND ND ND Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI ΔΔ-8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 0.03 0.26 0.29 0.26 0.20 0.20 0.20 0.20 0.20 0.20 0.20	Cannabigerol (CBG)	0.001	0.16	0.14	1.44
Cannabinol (CBN) 0.001 0.16 ND ND Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabicyclol (CBL) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Total THC (THCa * 0.877 + Δ9THC) 5.02 2.84 2.84 Total CBD (CBDa * 0.877 + CBD) 5.19 31.93 31.93 Total CBD (CBGa * 0.877 + CBG) 5.24 1.62 16.24 Total CBG (CBGa * 0.877 + CBG) 5.73 37.38 373.38	Cannabidiol (CBD)	0.001	0.16	1.64	16.36
Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UI Δ9-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Total THC (ΤΗCα*0.877 + Δ9THC) 0.26 2.84 2.84 Total CBD (CBDa*0.877 + CBD) 1.23 3.193 31.93 Total CBG (CBGa*0.877 + CBG) 1.62 16.24 16.24 Total CBG (CBGa*0.877 + CBG) 1.62 16.24 16.24 Total Candbinoids 1.62 3.73.8 373.8	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 2.91 29.09 Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabicychomene (CBC) 0.002 0.16 0.15 1.51 Cetrahydrocannabinolic Acid (THCA) 0.001 0.16 0.03 0.24 Catnabichromene (CBC) 0.001 0.16 0.03 0.04 Catnabichromene (CBC) 0.001 0.001 0.16 0.03 Catnabichromene (CBC) 0.001 0.001 0.16 0.03 Catnabichromene (CBC) 0.001 0.001 0.16 0.03 Catnabichromene (CBC) 0.001 0.001 0.16 Catnabichromene (CBC) 0.001 0.001 0.001 Catnabichromene (CBC) 0.001 0.001 0.001 Catnabichromene (CBC) 0.00	Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabicyclol (CBL) 0.002 0.16 0.03 0.26 Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Total THC (THCα* 0.877 + Δ9THC) 5.02 2.84 Total THC + Δ8THC (THCα* 0.877 + 49THC + Δ8THC) 12.34 12.34 Total CBD (CBDa* 0.877 + CBD) 12.34 12.34 Total CBG (CBGa* 0.877 + CBG) 1.62 16.24 Total CBG (CBGa* 0.877 + CBG) 1.62 37.34 Total CBG (CBGa* 0.877 + CBG) 1.62 37.34 Total CBG (CBGa* 0.877 + CBG*) 1.62 37.34 Total CBG (CBGa* 0.877 + CBG*) 1.62 37.34	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Cannabichromene (CBC) 0.002 0.16 0.15 1.51 Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Total THC (*THCa* 0.877 + Δ9THC) 0.28 2.84 Total CHD (*CHCa* 0.877 + Δ9THC + Δ8THC) 3.19 31.93 Total CBD (*CBDa* 0.877 + CBD) 12.34 123.43 Total CBG (*GBGa* 0.877 + CBG) 1.62 16.24 Total CBG (*GBGa* 0.877 + CBG) 37.34 37.38	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	2.91	29.09
Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 30.32 30.24 Total THC (THCα* 0.877 + Δ9THC) 0.28 2.84 Total THC + Δ8THC (THCα* 0.877 + Δ9THC + Δ9THC + Δ9THC + Δ9THC) 3.19 31.93 Total CBD (CBDa* 0.877 + CBD) 12.34 123.4 Total CBG (CBGa* 0.877 + CBG) 1.62 16.24 Total Candolinoids 1.5 1.5 37.34 373.38	Cannabicyclol (CBL)	0.002	0.16	0.03	0.26
Total THC (THCa * 0.877 + Δ9THC) 0.28 2.84 Total THC + A8THC (THCa * 0.877 + Δ9THC + Δ9THC + Δ9THC + Δ9THC) 3.19 31.93 Total CBD (CBDa * 0.877 + CBD) 12.34 123.4 Total CBC (CBGa * 0.877 + CBG) 1.62 16.24 Total Cannobinoids 37.34 373.38	Cannabichromene (CBC)	0.002	0.16	0.15	1.51
Total THC + Δ8THC (THCα * 0.877 + Δ9THC + Δ8THC) 3.19 31.93 Total CBD (CBDα * 0.877 + CBD) 12.34 123.43 Total CBG (CBGα * 0.877 + CBG) 1.62 16.24 Total Cannabinoids 37.34 373.38	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	30.32	30.24
Total CBD (CBDa * 0.877 + CBD) 12.34 123.43 Total CBG (CBGa * 0.877 + CBG) 1.62 16.24 Total Cannabinoids 37.34 373.38	Total THC (THCa * 0.877 + Δ9THC)			0.28	2.84
Total CBG (CBGa * 0.877 + CBG) 1.62 16.24 Total Cannabinoids 37.34 373.38	Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			3.19	31.93
Total Cannabinoids 37.34 373.38	Total CBD (CBDa * 0.877 + CBD)			12.34	123.43
	Total CBG (CBGa * 0.877 + CBG)			1.62	16.24
	Total Cannabinoids			37.34	373.38 *Dry Weight

UI Not Identified
ND Not Detected
V/A Not Applicable
N/A Not Applicable
NT Not Reported
US Detected
Not Reported
US Detected
Detected
Detected
Not D







Scan the QR code to verify authenticity.

Brandon Starr

Brandon Starr, Lab Manager Wed, 22 Jan 2023 18:19:42 -0700

Authorized Signature

