## PharmLabs San Diego Certificate of Analysis

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## Sample Ghost - Phantom Blend

Sample ID SD221122-005 (55870)		Matrix Concentrate (Inhalable Cannabis Good)
Tested for Ghost		
Sampled -	Received Nov 21, 2022	Reported Nov 22, 2022
Analyses executed CANY		

Laboratory note: The estimated concentration of the unknown peak in the sample is 4.97% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (4)88-THC or 49-THC or 49-THC at this time there are no reference standards available for (4)88-THC, (4)88-THC is a different compound from the main (-)88-THC cannobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques avoidable, the separation of (4)88-THC and 49-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (4)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-)

## CANX - Cannabinoids Analysis

Analyzed Nov 22, 2022 | Instrument HLPC

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	0.19	1.88
Cannabidiol (CBD)	0.001	0.16	1.27	12.73
1(S)-THD (s-THD)	0.013	0.041	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	0.74	7.38
Cannabinol (CBN)	0.001	0.16	0.42	4.24
Cannabidiphorol (CBDP)			ND	ND
exo-THC (exo-THC)	0.016	0.8	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	37.30	372.9
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	2.19	21.88
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	30.26	302.5
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
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	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	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
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 + Δ8THC + Δ10THC)			69.74	697.3
Total CBD ( CBDa * 0.877 + CBD )			1.27	12.73
Total CBG (CBGa * 0.877 + CBG )			0.19	1.88
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			72.36	723.62

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









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 22 Nov 2022 17:18:44 -0800

