QA Testing

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

SDPharmLabs

Sample **CBG White**

Sample ID SD221208-005 (56597)		Matrix Flower (Inhalable Cannabis Good)	
Tested for Fern Valley Farms			
Sampled -	Received Dec 07, 2022		Reported Dec 09, 2022

Analyses executed CAN+, TER, MWA

*CAN+ - Cannabinoids Analysis

Analyzed Dec 08, 2022 | Instrument HPLC-VWD | Method SOP-001
Measurement Uncertainty at 95% confidence7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	2.56	25.65
Cannabigerol Acid (CBGA)	0.001	0.16	9.78	97.84
Cannabigerol (CBG)	0.001	0.16	0.19	1.92
Cannabidiol (CBD)	0.001	0.16	0.15	1.46
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.04	0.36
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.04	0.36
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.35	3.46
Total THC (THCa * 0.877 + Δ9THC)			0.34	3.40
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.34	3.40
Total CBD (CBDa * 0.877 + CBD)			2.40	23.95
Total CBG (CBGa * 0.877 + CBG)			8.77	87.73
Total Cannabinoids			11.54	115.43

*Dry Weight %

TER - Terpenes Testing Analysis

Analyzed Dec 09, 2022 | Instrument GC/FID | Method SOP-002

Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
a-Pinene (a-Pin)	0.128	0.427	ND	ND	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	ND	ND	b-Pinene (b-Pin)	0.413	1.377	ND	ND
3-Carene (3-Car)	0.11	0.366	ND	ND	a-Terpinene (a-Ter)	0.099	0.331	ND	ND
a-Ocimene (a-Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	ND	ND
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	ND	ND
Eucalyptol (Euc)	0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
Terpenolene (Terp)	0.119	0.395	ND	ND	Linalool (Lin)	0.146	0.487	ND	ND
Isopulegol (Isop)	0.139	0.464	ND	ND	Geraniol (Gera)	0.177	0.589	ND	ND
b-Caryophyllene (b-Cary)	0.132	0.44	0.20	2.04	a-Humulene (Hum)	0.183	0.608	ND	ND
cis-Nerolidol (ci-Ner)	0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
Guaiol (Gua)	0.15	0.499	0.26	2.57	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
a-bisabolol (a-Bbis)	0.159	0.529	ND	ND					
					Total Terpene Concentration			0.46 %	4.62 mg/g

MWA - Moisture Content & Water Activity Analysis

Analyzed Dec 08, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	7.5 % Mw	13 % Mw	Water Activity (WA)	0.53 a_w	0.85 a_w

UI Not Identified
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

Acc. #85368
PJLA Testing

RP0611043

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Fri, 09 Dec 2022 13:29:12 -0800

PharmWare CANNABIS LABORATORY LIMS & ELN

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