

PharmLabs San Diego Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Chemberry**

Sample ID	SD221208-011 (56603)	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 09, 2022 | Instrument HPLC-VWD | Method SOP-001  
 Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	17.54	175.42
Cannabigerol Acid (CBGA)	0.001	0.16	0.32	3.21
Cannabigerol (CBG)	0.001	0.16	0.05	0.55
Cannabidiol (CBD)	0.001	0.16	0.86	8.64
Tetrahydrocannabinol (THC)	0.001	0.16	<LOQ	<LOQ
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.10	0.97
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	0.71	7.15
Total THC (THCa + Δ9THC)			0.72	7.24
Total THC + Δ8THC (THCa + Δ9THC + Δ8THC)			0.72	7.24
Total CBD (CBDA + CBD)			16.25	162.48
Total CBG (CBGA + CBG)			0.34	3.36
Total Cannabinoids			17.31	173.08

\*Dry Weight %

**TER - Terpenes Testing Analysis**

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

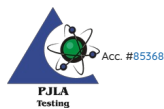
Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)	Analyte	LOD mg/g	LOQ mg/g	(%)	(mg/g)
α-Pinene (α-Pin)	0.128	0.427	ND	ND	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	0.72	7.17	b-Pinene (b-Pin)	0.413	1.377	ND	ND
β-Carene (β-Car)	0.11	0.366	ND	ND	α-Terpinene (α-Ter)	0.099	0.331	ND	ND
α-Ocimene (α-Oci)	0.055	0.182	ND	ND	Limonene (Lim)	0.081	0.268	0.21	2.07
p-Cymene (p-Cym)	0.104	0.347	ND	ND	b-Ocimene (b-Oci)	0.085	0.282	0.24	2.41
Eucalyptol (Euc)	0.19	0.634	ND	ND	g-Terpinene (g-Ter)	0.108	0.361	ND	ND
Terpinolene (Terp)	0.119	0.395	0.25	2.49	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	0.39	3.93	α-Humulene (Hum)	0.183	0.608	0.14	1.42
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	ND	ND	Caryophyllene Oxide (CarOx)	0.183	0.611	ND	ND
α-bisabolol (α-Bbis)	0.159	0.529	ND	ND					
					<b>Total Terpene Concentration</b>			<b>1.95 %</b>	<b>19.49 mg/g</b>

**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)	5.9 % Mw	13 % Mw	Water Activity (WA)	0.43 a <sub>w</sub>	0.85 a <sub>w</sub>

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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Fri, 09 Dec 2022 13:34:16 -0800

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