

## PharmLabs San Diego Certificate of Analysis

Sample **Goat Butter**Delta9 THC **0.06%**THCa **1.18%**Total THC (THCa \* 0.877 + THC) **1.09%**Delta8 THC **ND**

Sample ID SD251219-098 (130140)

Matrix Flower

Tested for Fern Valley Farms

Sampled - Received Dec 19, 2025 Reported Dec 23, 2025

Analyses executed CAN+, TER, MWA

\* **CAN+ - Cannabinoids**

Analyzed Dec 19, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiol (CBDv)	0.011	0.03	ND	ND
Cannabidiol (CBDb)	0.033	0.16	16.31	163.07
Cannabidiolic Acid (CBDA)	0.033	0.16	0.28	2.77
Cannabigerol (CBG)	0.048	0.16	0.08	0.80
Cannabigerol Acid (CBGA)	0.069	0.229	0.53	5.29
Tetrahydrocannabinol (THC)	0.049	0.16	ND	ND
Cannabinol (CBN)	0.047	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.06	0.56
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND
Cannabicyclol (CBL)	0.0012	0.16	0.02	0.25
Cannabichromene (CBC)	0.13	0.432	0.26	2.61
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	1.18	11.85
Total THC (THCa * 0.877 + Δ9THC)			1.09	10.95
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			1.09	10.95
Total CBD (CBDa * 0.877 + CBD)			14.83	148.30
Total CBG (CBGa * 0.877 + CBG)			0.32	3.23
Total Cannabinoids Analyzed			16.53	165.34

\*Dry Weight %

## PharmLabs San Diego Certificate of Analysis

Sample **Goat Butter**

Sample ID SD260126-099 (132142)

Matrix Flower

Tested for Fern Valley Farms

Sampled - Received Jan 26, 2026 Reported Jan 27, 2026

Analyses executed TER

## TER - Terpenes

Analyzed Jan 26, 2026 | 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	0.12	1.19	Camphene (Cam)	0.147	0.492	ND	ND
Myrcene (Myr)	0.073	0.244	0.24	2.42	b-Pinene (b-Pin)	0.413	1.377	0.09	0.90
3-Carene (3-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	0.49	4.88
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	0.51	5.10	α-Humulene (Hum)	0.183	0.608	0.24	2.40
cis-Nerolidol (ci-Ner)	0.129	0.431	ND	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND
Guaiol (Guo)	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>1.69 %</b>	<b>16.90 mg/g</b>

UI 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



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 ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

Brandon Starr, Quality Assurance Manager  
 Tue, 23 Dec 2025 15:02:14 -0800

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