

PharmLabs San Diego Certificate of Analysis

5421 Hancock St, Second Floor, San Diego, CA 92110 | License: CB-000098-LIC
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85568Sample **Vitality**

Sample ID: SD22102-060 (86279)

Matrix: Flower (viable/active Cannabis Good)

Tested for: Flora Valley Farms

Sampled: Received Dec 01, 2022

Reported Dec 12, 2022

Analytes executed: CAN+, TER, MWA

Laboratory note: There is an unidentified peak detected in the chromatogram at retention time 2.69 minutes that is hypothesized to be CBDV-A. The estimated concentration of this unidentified peak is 8.76%.

***CAN+ - Cannabinoids Analysis**Analyzed Dec 07, 2022 | Instrument HPLC-VWD | Method SOP-001
Measurement Uncertainty at 95% confidence: ±0.6%

Analyte	LOD mg/g	LOG mg/g	Result %	Result mg/g
Cannabidiol (CBDV)	0.039	0.16	0.11	1.51
Cannabidiolic Acid (CBCA)	0.001	0.16	10.29	102.49
Cannabigeric Acid (CBCA)	0.001	0.16	0.53	5.29
Cannabidiol (CBD)	0.001	0.16	0.11	1.04
Cannabidiol (CBG)	0.001	0.16	0.15	1.52
Tetrahydrocannabinol (THCV)	0.001	0.16	<LOQ	<LOQ
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ ⁹ -THC)	0.005	0.16	ND	ND
Δ ⁸ -Tetrahydrocannabinol (Δ ⁸ -THC)	0.004	0.16	ND	ND
Cannabinolol (CBL)	0.002	0.16	ND	ND
Cannabidivarinol (CBV)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.45	4.55
Total THC (THC) * 0.877 + Δ ⁸ THC			0.36	3.79
Total THC + Δ ⁸ THC (THC) * 0.877 + Δ ⁸ THC + Δ ⁸ THC			0.36	3.79
Total CBD (CBG) * 0.877 + CBD			9.38	91.76
Total CBG (CBG) * 0.877 + CBG			0.57	5.70
Total Cannabinoids			10.24	102.39

*Dry Weight %

TER - Terpenes Testing Analysis

Analyzed Dec 05, 2022 | Instrument GC/FID | Method SOP-002

Analyte	LOD mg/g	LOG mg/g	(%)	Analyte	LOD mg/g	LOG mg/g	(%)	(mg/g)	
α-Pinene (α-Pin)	0.128	0.427	0.12	1,2,3 Camphene (Cam)	0.147	0.492	ND	ND	
Myrcene (Myr)	0.073	0.244	0.87	β-Pinene (β-Pin)	0.415	1.377	0.12	1.25	
β-Caryophyllene (β-Car)	0.31	0.766	ND	α-Terpinene (α-Ter)	0.099	0.331	ND	ND	
α-Caryophyllene (α-Car)	0.035	0.192	ND	Limonene (Lim)	0.081	0.268	0.15	1.46	
α-Cymene (α-Cym)	0.104	0.347	ND	β-Caryophyllene (β-Car)	0.085	0.282	0.30	2.97	
Eucalyptol (Euc)	0.19	0.634	ND	α-Terpinene (α-Ter)	0.108	0.361	ND	ND	
Terpinolene (Terp)	0.119	0.395	ND	Linalool (Lin)	0.146	0.467	0.19	1.92	
Isopulegol (Isop)	0.159	0.484	ND	Geranyl (Ger)	0.177	0.559	ND	ND	
β-Caryophyllene (β-Car)	0.132	0.44	0.61	α-Humulene (Hum)	0.193	0.608	ND	ND	
α-Nerolidol (α-Ner)	0.129	0.431	ND	trans-Nerolidol (tr-Ner)	0.093	0.31	ND	ND	
Geranyl (Ger)	0.15	0.499	0.17	Caryophyllene Oxide (CarOx)	0.193	0.608	ND	ND	
α-Bisabolol (α-Bis)	0.159	0.499	ND						
Total Terpene Concentration								2.54 %	25.41 mg/g

MWA - Moisture Content & Water Activity Analysis

Analyzed Dec 02, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Mw)	6.2 % Mw	15 % Mw	Water Activity (Wa)	0.45 a _w	0.85 a _w

US Not Identified
ND Not Detected
N/A Not Applicable
NF Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
M.W. Below upper limit of Measuring
Thru California Forensic Units per 1 gram
of TC. To View more on Cover



Authorized Signature

Brandon Stahl

Scan the QR code to verify authenticity.

Brandon Stahl, Lab Manager
Phn: 12 Dec 2022 10:02N-0500

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