

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



Sample D8 SSSC Moon Rocks

Sample ID	SD320204-002 (61106)	Matrix	Flower (Inhalable Cannabis Good)
Tested for	Fern Valley Farms		
Sampled	-	Received	Feb 03, 2023
Analyses executed	CAN+, MWA	Reported	Feb 06, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 4.19% | 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 (+)δ8-THC or d9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and d9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be 28.07%.

*CAN+ - Cannabinoids Analysis

Analyzed Feb 06, 2023 | 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 (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	8.93	89.26
Cannabigerol Acid (CBGA)	0.001	0.16	0.25	2.46
Cannabigerol (CBG)	0.001	0.16	<LOQ	<LOQ
Cannabidiol (CBD)	0.001	0.16	0.73	7.28
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.11	1.10
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	28.07	280.75
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	5.55	5.50
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.33	3.28
Total THC (THCa * 0.877 + Δ9THC)			0.29	2.88
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			28.36	283.62
Total CBD (CBDA * 0.877 + CBD)			8.56	85.56
Total CBG (CBGA * 0.877 + CBG)			0.22	2.16
Total Cannabinoids			37.79	377.94
				*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Feb 06, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	6.0 % Mw	13 % Mw	Water Activity (WA)	0.44 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



Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Mon, 06 Feb 2023 10:24:21 -0800

Scan the QR code to verify authenticity.

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