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 ID SD230421-010 (72937)		Matrix Flower (Inhalable Cannabis Good)
Tested for Top Shelf Hemp Co		
Sampled -	Received Apr 20, 2023	Reported Apr 24, 2023
Analyses executed CAN+, MWA		

*CAN+ - Cannabinoids Analysis

Analyzed Apr 24, 2023 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately 4.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabidiolic Acid (CBDA)	0.001	0.16	9.80	98.00
Cannabigerol Acid (CBGA)	0.001	0.16	0.40	4.00
Cannabigerol (CBG)	0.001	0.16	0.06	0.59
Cannabidiol (CBD)	0.001	0.16	0.62	6.18
Tetrahydrocannabivarin (THCV)	0.001	0.16	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.07	0.67
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -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	0.36	3.63
Total THC (THCa * 0.877 + Δ9THC)			0.39	3.86
Total THC + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 8THC)			0.39	3.86
Total CBD (CBDa * 0.877 + CBD)			9.21	92.13
Total CBG (CBGa * 0.877 + CBG)			0.41	4.10
Total Cannabinoids			10.01	100.09 *Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Apr 24, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	9.5 % Mw	13 % Mw	Water Activity (WA)	0.63 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 Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr



