



PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-17-0000008-TEMP
 ISO/IEC 17025:2005 Certification L17-427-1 | Accreditation #85368
 (https://www.dropbox.com/s/4ha8tegakj9zj8b/L17-427-1_PharmLabs_San_Diego.pdf?dl=0)

Sample **HOOKAHZZ CBD SHATTER**

Sample ID SD190209-009 (33670)	Matrix Concentrate (Inhalable Cannabis Product)	Batch ID 112217
Tested for MathCo Health Corp		
Sampled -	Received Jul 05, 2019	Reported Jul 10, 2019
Analyses executed CAN, TER		

*CAN - Cannabinoid Profile Analysis

Analyzed **Jul 09, 2019** | Instrument **HPLC** | Method **M-004, SOP-009, SOP-015, SOP-019**

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g
Cannabidiolic Acid (CBDA)	0.01	0.02	ND	ND
Cannabigerol (CBG)	0.03	0.09	ND	ND
Cannabidiol (CBD)	0.01	0.04	≥ 99.9	≥ 999
Cannabinol (CBN)	0.03	0.1	ND	ND
Tetrahydrocannabinol (THC)	0.04	0.15	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.03	0.11	ND	ND
Total THC (THCa * 0.877 + THC)			0.00	0.00
Total CBD (CBDA * 0.877 + CBD)			≥ 99.90	≥ 999.00

TER - Terpenes Testing Analysis

Analyzed **Jul 10, 2019** | Instrument **GC/FID with Headspace Analyzer** | Method **M-003, SOP-017, SOP-014, SOP-021**

Analyte	(%)	(mg/g)	Analyte	(%)	(mg/g)
α-Pinene (α-Pin)	ND	ND	Camphene (Cam)	ND	ND
Myrcene (Myr)	ND	ND	β-Pinene (β-Pin)	ND	ND
3-Carene (3-Car)	ND	ND	α-Terpinene (α-Ter)	ND	ND
α-Ocimene (α-Oci)	ND	ND	Limonene (Lim)	ND	ND
p-Cymene (p-Cym)	ND	ND	β-Ocimene (β-Oci)	ND	ND
Eucalyptol (Euc)	ND	ND	g-Terpinene (g-Ter)	ND	ND
Terpenolene (Terp)	ND	ND	Linalool (Lin)	ND	ND
Isopulegol (Isop)	ND	ND	Geraniol (Gera)	ND	ND
β-Caryophyllene (β-Cary)	0.00	0.02	α-Humulene (Hum)	ND	ND
cis-Nerolidol (ci-Ner)	ND	ND	trans-Nerolidol (tr-Ner)	ND	ND
Guaiol (Gua)	ND	ND	Caryophyllene Oxide (CarOx)	ND	ND
α-bisabolol (α-Bbis)	0.00	0.02			
Total Terpene Concentration			0.00 %	0.04 mg/g	

Terpene Testing - Visualization

NT Not Reported
ND Not Detected
LOD Limit of Detection
LOQ Limit of Quantification
<LOD Detected
>UOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



PJLA
Testing Accreditation #85368
(https://www.dropbox.com/s/4ha8tekgaj9zj8b/L17-427-1_PharmLabs_San_Diego.pdf?dl=0)



Scan the QR code to verify authenticity.

0.02

Authorized Signature

Karina Pimentel, Laboratory Manager
Wed, 10 Jul 2019 15:08:26 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2005 Certification L17-427-1

*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on "as received" basis, unless indicated otherwise.

PharmWare
CANNABIS LABORATORY LIMS & ELN
(<https://pharmware.net>)