



PharmLabs San Diego Certificate of Analysis

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 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 CRUMBLE**

Sample ID SD190209-008 (33669)	Matrix Concentrate (Inhalable Cannabis Product)	Batch ID 102317
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	83.19	831.92
Cannabinol (CBN)	0.03	0.1	<LOQ	<LOQ
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)			83.19	831.92

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)	0.00	0.03	Camphene (Cam)	ND	ND
Myrcene (Myr)	0.00	0.03	β-Pinene (β-Pin)	0.01	0.08
3-Carene (3-Car)	ND	ND	α-Terpinene (α-Ter)	ND	ND
α-Ocimene (α-Oci)	ND	ND	Limonene (Lim)	0.01	0.05
p-Cymene (p-Cym)	ND	ND	β-Ocimene (β-Oci)	ND	ND
Eucalyptol (Euc)	0.00	0.03	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)	0.04	0.38	α-Humulene (Hum)	0.01	0.15
cis-Nerolidol (ci-Ner)	ND	ND	trans-Nerolidol (tr-Ner)	0.00	0.01
Guaiol (Gua)	0.01	0.05	Caryophyllene Oxide (CarOx)	0.01	0.12
α-bisabolol (α-Bbis)	0.01	0.10			
Total Terpene Concentration				0.10 %	1.03 mg/g

Terpene Testing - Visualization

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



PJLA Testing

Accreditation #85368

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(<http://www.pjlab.com>)

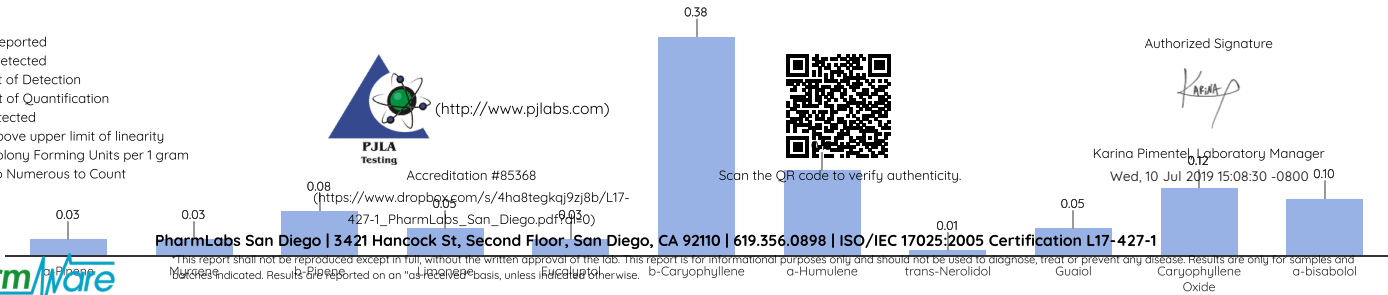


Scan the QR code to verify authenticity.

Authorized Signature

Karina Pimentel, Laboratory Manager

Wed, 10 Jul 2019 15:08:30 -0800 010



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 Lycopodium Fucicarbonyl b-Caryophyllene a-Humulene trans-Nerolidol Guaiol Caryophyllene Oxide a-bisabolol

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