

## 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

Sample **Pharma Hemp Complex CBD Peanut Butter 500MG**

Sample ID <b>SD190222-006 (33791)</b>	Matrix <b>Edible (Other Cannabis Good)</b>	Batch ID <b>12131805</b>
Tested for <b>MathCo Health Corp</b>		
Sampled -	Received <b>Jul 11, 2019</b>	Reported <b>Jul 16, 2019</b>
Analyses executed <b>CAN, TER</b>		

## CAN - Cannabinoid Profile Analysis

Analyzed Jul 16, 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	<b>0.44</b>	<b>4.43</b>
Cannabinol (CBN)	0.03	0.1	ND	ND
Tetrahydrocannabinol (THC)	0.04	0.15	<b>0.01</b>	<b>0.10</b>
Tetrahydrocannabinolic Acid (THCA)	0.03	0.11	ND	ND
<b>Total THC (THCa * 0.877 + THC)</b>			<b>0.01</b>	<b>0.10</b>
<b>Total CBD (CBDa * 0.877 + CBD)</b>			<b>0.44</b>	<b>4.43</b>

## TER - Terpenes Testing Analysis

Analyzed Jul 15, 2019 | Instrument GC/FID with Headspace Analyzer | Method M-003, SOP-017, SOP-014, SOP-021

Analyte	(%)	(mg/g)	Analyte	(%)	(mg/g)
a-Pinene (a-Pin)	ND	ND	Camphene (Cam)	ND	ND
Myrcene (Myr)	ND	ND	b-Pinene (b-Pin)	ND	ND
3-Carene (3-Car)	ND	ND	a-Terpinene (a-Ter)	ND	ND
a-Ocimene (a-Oci)	ND	ND	Limonene (Lim)	ND	ND
p-Cymene (p-Cym)	ND	ND	b-Ocimene (b-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
b-Caryophyllene (b-Cary)	0.01	0.13	a-Humulene (Hum)	0.01	0.05
cis-Nerolidol (ci-Ner)	ND	ND	trans-Nerolidol (tr-Ner)	ND	ND
Guaiol (Gua)	ND	ND	Caryophyllene Oxide (CarOx)	0.00	0.03
a-bisabolol (a-Bbis)	ND	ND			
			<b>Total Terpene Concentration</b>	<b>0.02 %</b>	<b>0.21 mg/g</b>

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



Scan the QR code to verify authenticity.

Authorized Signature

Karina Pimentel, Laboratory Manager  
Tue, 16 Jul 2019 11:37:03 -0800

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