

## PharmLabs San Diego Certificate of Analysis

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ISO/IEC 17025:2005 Certification L17-427-1 | Accreditation #85368

Sample **Ginger Honey Salve 150mg**

Sample ID	SD191109-001 (34506)	Matrix	Topical (Other Cannabis Good)	Batch ID	31934399
Tested for	MathCo Health Corp				
Sampled	-	Received	Nov 08, 2019	Reported	Nov 13, 2019
Analyses executed	CAN, TER, PES			Unit Mass (g)	28.38

## CAN - Cannabinoid Profile Analysis

Analyzed Nov 12, 2019 | Instrument HPLC | Method SOP-001

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/g	Result mg/Unit
Cannabidiolic Acid (CBDA)	0.01	0.02	0.01	0.05	1.42
Cannabigerol (CBG)	0.03	0.09	0.04	0.44	12.49
Cannabidiol (CBD)	0.01	0.04	0.56	5.59	158.64
Cannabinol (CBN)	0.03	0.1	0.00	0.04	1.14
Tetrahydrocannabinol (THC)	0.04	0.15	0.15	1.51	42.85
Tetrahydrocannabinolic Acid (THCA)	0.03	0.11	ND	ND	ND
Total THC (THCa * 0.877 + THC)			0.15	1.51	42.85
Total CBD (CBDA * 0.877 + CBD)			0.56	5.63	159.89

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



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Authorized Signature

Dr. Lia Prevedello, Laboratory Director  
Wed, 13 Nov 2019 16:06:13 -0800

## PES - Pesticides Screening Analysis

Analyzed Nov 13, 2019 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Aldicarb	0.025	0.1	ND	0.025	Carbofuran	0.025	0.1	ND	0.025
Dimethoate	0.025	0.1	ND	0.025	Etofenprox	0.025	0.1	ND	0.025
Fenoxycarb	0.025	0.1	ND	0.025	Thiacloprid	0.025	0.1	ND	0.025
Daminozide	0.025	0.1	ND	0.025	Dichlorvos	0.025	0.1	ND	0.025
Imazalil	0.025	0.1	ND	0.025	Methiocarb	0.025	0.1	ND	0.025
Spiroxamine	0.025	0.1	ND	0.025	Coumaphos	0.025	0.1	ND	0.025
Fipronil	0.025	0.1	ND	0.025	Paclbutrazol	0.025	0.1	ND	0.025
Chlorpyrifos	0.025	0.1	ND	0.025	Ethoprophos (Prophos)	0.025	0.1	ND	0.025
Baygon (Propoxur)	0.025	0.1	ND	0.025	Chlordane	0.025	0.1	ND	0.025
Chlorfenapyr	0.025	0.1	ND	0.025	Methyl Parathion	0.025	0.1	ND	0.025
Mevinphos	0.025	0.1	ND	0.025	Abamectin	0.025	0.05	ND	0.3
Acephate	0.025	0.05	ND	5	Acetamiprid	0.025	0.05	ND	5
Azoxystrobin	0.025	0.05	ND	40	Bifenazate	0.025	0.05	ND	5
Bifenthrin	0.025	0.05	ND	0.5	Boscalid	0.025	0.05	ND	10
Carbaryl	0.025	0.05	ND	0.5	Chlorantraniliprole	0.025	0.05	ND	40
Clofentezine	0.025	0.05	ND	0.5	Diazinon	0.025	0.05	ND	0.2
Dimethomorph	0.025	0.05	ND	20	Etoazole	0.025	0.05	ND	1.5
Fenpyroximate	0.025	0.05	ND	2	Fonicamid	0.025	0.05	ND	2
Fludioxonil	0.025	0.05	ND	30	Hexythiazox	0.025	0.05	ND	2
Imidacloprid	0.025	0.05	ND	3	Kresoxim-methyl	0.025	0.05	ND	1
Malathion	0.025	0.05	0.246	5	Metalaxyl	0.025	0.05	ND	15
Methomyl	0.025	0.05	ND	0.1	Myclobutanil	0.025	0.05	ND	9
Naled	0.025	0.05	ND	0.5	Oxamyl	0.025	0.05	ND	0.2
Permethrin	0.025	0.05	ND	20	Phosmet	0.025	0.05	ND	0.2
Piperonyl Butoxide	0.025	0.05	ND	8	Propiconazole	0.025	0.05	ND	20
Prallethrin	0.025	0.05	ND	0.4	Pyrethrin	0.025	0.05	ND	1
Pyridaben	0.025	0.05	ND	3	Spinosad A	0.025	0.05	ND	3
Spinosad D	0.025	0.05	ND	3	Spiromesifen	0.025	0.05	ND	12
Spirotetramat	0.025	0.05	ND	13	Tebuconazole	0.025	0.05	ND	2
Thiamethoxam	0.025	0.05	ND	4.5	Trifloxystrobin	0.025	0.05	ND	30
Acequinocyl	0.025	0.05	ND	4	Captan	0.025	0.05	ND	5
Cypermethrin	0.025	0.05	ND	1	Cyfluthrin	0.025	0.05	ND	1
Fenhexamid	0.025	0.05	ND	10	Spinetoram J,L	0.025	0.05	ND	3
Pentachloronitrobenzene	0.025	0.05	ND	0.2					

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## TER - Terpenes Testing Analysis

Analyzed Nov 12, 2019 | Instrument GC/FID with Headspace Analyzer | Method SOP-002

Analyte	(%)	(mg/g)	Analyte	(%)	(mg/g)
$\alpha$ -Pinene ( $\alpha$ -Pin)	ND	ND	Camphene (Cam)	0.15	1.55
Myrcene (Myr)	ND	ND	b-Pinene (b-Pin)	ND	ND
3-Carene (3-Car)	ND	ND	$\alpha$ -Terpinene ( $\alpha$ -Ter)	ND	ND
$\alpha$ -Ocimene ( $\alpha$ -Oci)	ND	ND	Limonene (Lim)	ND	ND
p-Cymene (p-Cym)	ND	ND	b-Ocimene (b-Oci)	0.13	1.29
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)	ND	ND	$\alpha$ -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
$\alpha$ -bisabolol ( $\alpha$ -Bbis)	ND	ND			
<b>Total Terpene Concentration</b>				<b>0.28 %</b>	<b>2.84 mg/g</b>

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