

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 **Relievet 1500mg CBD**

Sample ID	SD190809-005 (34350)	Matrix	Tincture (Other Cannabis Good)	Batch ID	1500B	
Tested for	Relievet					
Sampled	-	Received	Aug 08, 2019	Reported	Aug 16, 2019	
Analyses executed	CAN, TER, MIBNIG, PES, HME		Unit Volume (mL)	30.0	Density (g/mL)	0.907

CAN - Cannabinoid Profile Analysis

Analyzed Aug 13, 2019 | Instrument HPLC | Method SOP-001

Analyte	LOD ppm	LOQ ppm	Result %	Result mg/mL	Result mg/Unit
Cannabidiolic Acid (CBDA)	0.01	0.02	ND	ND	ND
Cannabigerol (CBG)	0.03	0.09	ND	ND	ND
Cannabidiol (CBD)	0.01	0.04	5.86	64.56	1936.80
Cannabinol (CBN)	0.03	0.1	ND	ND	ND
Tetrahydrocannabinol (THC)	0.04	0.15	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.03	0.11	ND	ND	ND
Total THC (THCa * 0.877 + THC)			0.00	0.00	0.00
Total CBD (CBDA * 0.877 + CBD)			5.86	58.56	1936.80

HME - Heavy Metals Detection Analysis

Analyzed Aug 14, 2019 | Instrument ICP/MSMS | Method SOP-005

Analyte	Result ug/g	Limit ug/g	Analyte	Result ug/g	Limit ug/g
Arsenic (As)	0.00	1.5	Cadmium (Cd)	ND	0.5
Mercury (Hg)	0.00	3.0	Lead (Pb)	ND	0.5

*All testing performed for metal analysis is currently a non accredited test

MIBNIG - Microbial Testing Analysis

Analyzed Aug 12, 2019 | Instrument Plating and ELISA Reader | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	Negative	ND per 1 gram	Salmonella spp.	Negative	ND per 1 gram

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



Authorized Signature

Clarence Gillett

Dr. Clarence Gillett, PhD, VP of Scientific Operations
Fri, 16 Aug 2019 09:38:47 -0700

PES - Pesticides Screening Analysis

Analyzed Aug 15, 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	ND	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					

ND Not Detected
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 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
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TER - Terpenes Testing Analysis

Analyzed Aug 14, 2019 | Instrument GC/FID with Headspace Analyzer | Method SOP-002

Analyte	(%)	(mg/g)	Analyte	(%)	(mg/g)
α -Pinene (α -Pin)	0.00	0.01	Camphene (Cam)	0.00	0.01
Myrcene (Myr)	0.00	0.01	b-Pinene (b-Pin)	0.00	0.01
3-Carene (3-Car)	0.00	0.03	α -Terpinene (α -Ter)	ND	ND
α -Ocimene (α -Oci)	ND	ND	Limonene (Lim)	0.00	0.02
p-Cymene (p-Cym)	ND	ND	b-Ocimene (b-Oci)	ND	ND
Eucalyptol (Euc)	0.00	0.01	g-Terpinene (g-Ter)	0.00	0.01
Terpenolene (Terp)	0.00	0.01	Linalool (Lin)	0.00	0.03
Isopulegol (Isop)	ND	ND	Geraniol (Gera)	ND	ND
b-Caryophyllene (b-Cary)	0.03	0.31	α -Humulene (Hum)	0.01	0.05
cis-Nerolidol (ci-Ner)	0.00	0.03	trans-Nerolidol (tr-Ner)	0.00	0.03
Guaiol (Gua)	0.07	0.66	Caryophyllene Oxide (CarOx)	0.01	0.08
α -bisabolol (α -Bbis)	0.05	0.49			
			Total Terpene Concentration	0.18 %	1.78 mg/g

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 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
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