

# **Dana Lynn McMurchy**

## **Oklahoma Activist**

**Oklahomans for Health Board Member**  
**Oklahoma SQ#788 Speaker & Educator**  
**Pharmaceuticals & Medical Device**  
**Career 1983 - 2010 - Retired**  
**1983 BS Biology - Creighton University**

VOTE  
**YES ON**  
  
**788**  
JUNE 26, 2018

Roger's County Sheriff Threatening the Author of SQ#788. March 9th, 2019 While He Violated Oklahoma Ethics Law against "Use of Public Funds/Position" to influence an election.

## EDUCATION vs INTIMIDATION

SUPPORTERS OF YES ON SQ788  
WANT A PEACEFUL DISCUSSION  
OF THE MERITS OF LEGALIZING  
CANNABIS...

**DON'T BE  
BULLIED;  
VOTE YES  
ON SQ788**

ANTI-CANNABIS FORCES WANT  
TO USE BULLYING AND SCARE  
TACTICS TO KEEP YOU FROM  
HELPING SICK PEOPLE



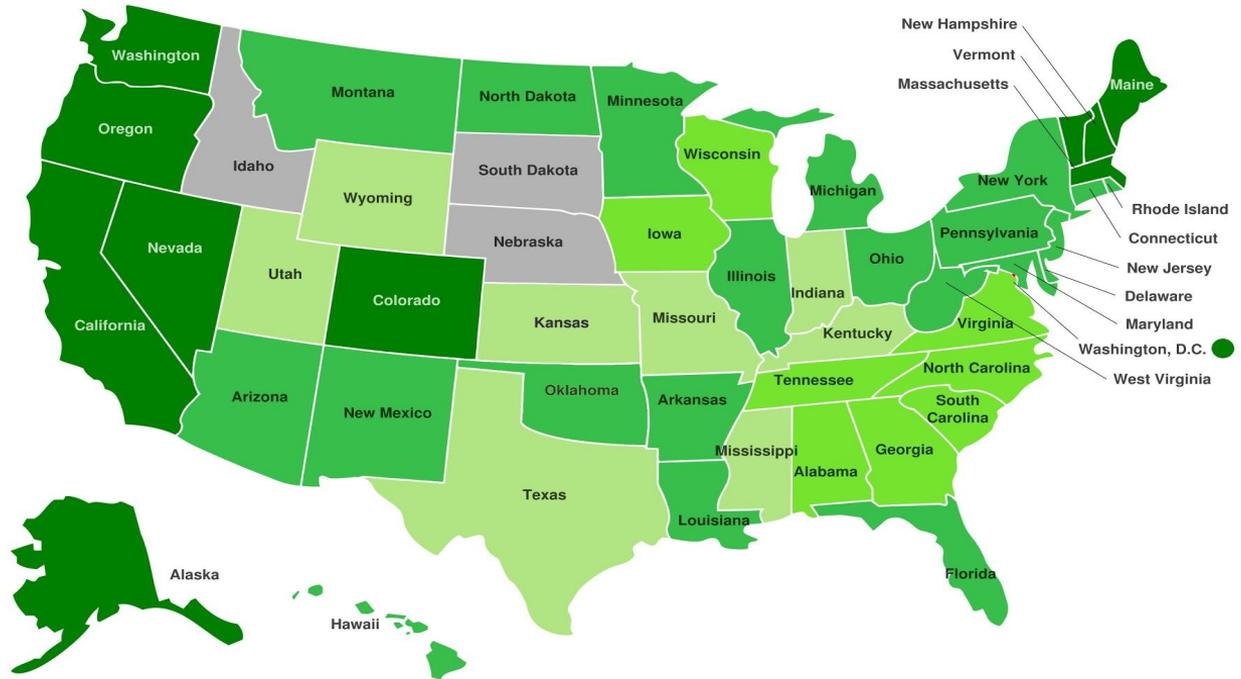
# HISTORIC VOTER TURNOUT 6/26/2018

**SURPASSING ALL PREVIOUS STATE ELECTION TOTALS  
507,962 Oklahoma Voters Approved Medical Cannabis**



Choice	Votes	%
Yes	507,582	56.9
No	385,176	43.1
Total votes	892,758	100.00

- **Recreational**
- **Medical (open THC)**
- **Medical (.9-5% THC)**
- **CBD (0-.5% THC)**
- **NO CBD (& NO THC)**



**33 of 50 States have Legal Medical Cannabis**  
**47 out of 50 Allow High CBD - March 2019**

# Medical Cannabis Use by Adults & Youth in MMJ States

**2018 MMJ Enrollment = 1.4% Nationally**

**Adult monthly use has increased from 10-14% - The Lancet  
(use tripled among those 50+yrs old).**

American College of Pediatrics,  
youth use has gone down over the past 20 years.

Journal of Prevention Science,  
youth use has remained unchanged in MML states.

National Survey on Drug Use  
teen use has gone up 0.4% in the past 10 years.

# US PATENT #6630507B1

## **“Cannabinoids as antioxidants and neuroprotectants”**

Granted to the United States of America  
By the US Patent Office, 2003-10-07

United States: Inventors Aidan J. Hampson Julius Axelrod  
Maurizio Grimaldi

Current Assignee: US Department of Health and Human  
Services (HHS)

# US Gov. Patent # 6630507

## “Cannabinoids as Antioxidants & Neuroprotectants”

...cannabinoids (are) useful in the treatment and prophylaxis of a wide variety of oxidation associated disease, such as ischemic, age-related, inflammatory and autoimmune diseases. The cannabinoids are found to have particular application as neuroprotectants, for example in limiting neurological damage following ischemic insults, such as stroke and trauma, or in the treatment of neurodegenerative diseases, such as Alzheimer's disease, Parkinson's disease and HIV dementia.

**DID YOU KNOW?**

**THE U.S. GOVERNMENT  
OWNS THE PATENT ON  
CANNABIS CURES.**

PATENT NO. **6630507**

ON OCTOBER 7, 2003 **THE UNITED STATES GOVERNMENT** AS REPRESENTED BY THE DEPARTMENT OF HEALTH AND HUMAN SERVICES WAS GRANTED A **U.S. PATENT** ON ANY AND ALL USES AND APPLICATIONS OF: **CANNABINOIDS AS ANTIOXIDANTS AND NEUROPROTECTANTS.**



**URGENCY vs. EMERGENCY?**

**Opioid Crisis**

**# Deaths (US) exceeds WW II**

**Outcomes States with MMJ  
states see less deaths**

**PTSD 22 Veteran Suicides a Day**

**Cannabis Prohibition Effects in  
Oklahoma**

**#1 in Incarceration**

**#50 in Education**

**NIH-OTT Transferred Our Patent Rights**

**to KANNALIFE - their focus is CTE for  
Football Players, Brain Trauma &  
Hepatic Encephalopathy**

# CBD & THC as Antioxidants & Neuroprotectants

Proceedings of the National Academy of Sciences  
of the United States of America Paper Published in **1995**

# The EndoCannabinoid System

Master Balancing & Homeostasis System  
Discovered in the 1990s

Core Work by the Dept. of Health & Human  
Services - *your tax dollars*

# **We Demand a New Model for Cannabis Regulation**

**NOT Pay to Play “Science” Funded By  
Corporate Money**

**The American People have paid the price of  
Corporate Greed**

**Exhibit A: The Opioid Crisis**

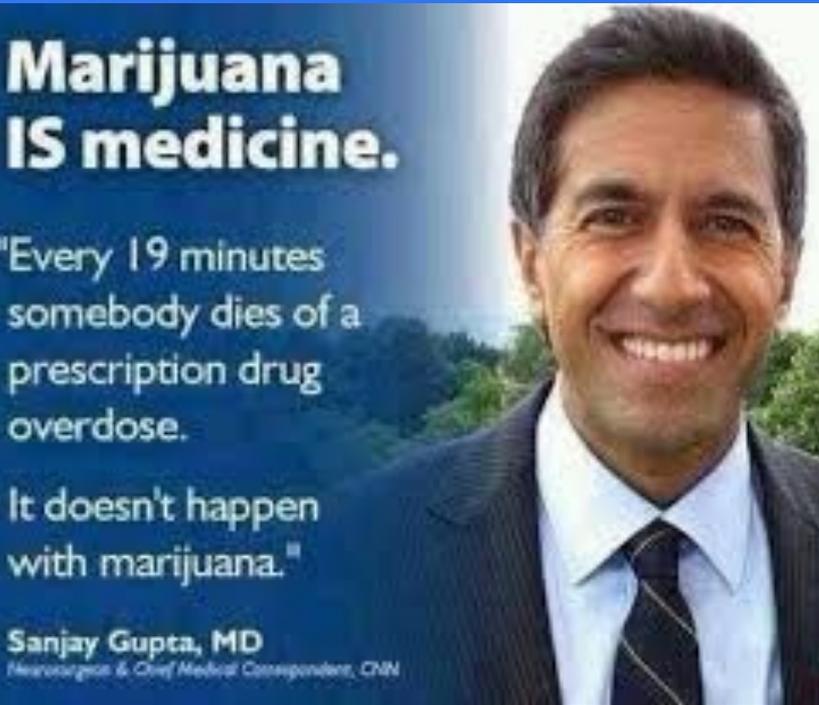
# Marijuana IS medicine.

"Every 19 minutes somebody dies of a prescription drug overdose.

It doesn't happen with marijuana."

Sanjay Gupta, MD

Neurosurgeon & Chief Medical Correspondent, CNN



60% percent of U.S. biomedical research is funded by the for profit pharmaceutical industry.  
***2010 Study - Journal of the American Medical Association***

We have been terribly and systematically misled for nearly 70 years in the US [about marijuana], and I apologize for my own role in that.



# Cannabis & Seizures - A Cautionary Tale

June 26, 2018 the FDA approves first drug comprised of an active ingredient derived from marijuana to treat rare, severe forms of epilepsy (Epidiolex)



**45 years to reach patients = FAILURE**

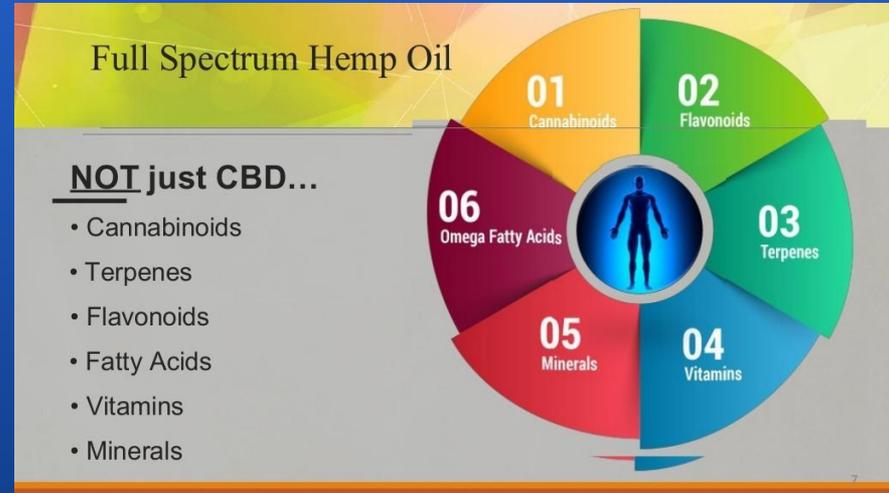
Psychopharmacology 28(1):95-102 · March 1973

“Effect of cannabidiol and other Cannabis sativa compounds on hippocampal seizure discharges”

# Epidiolex vs. OTC CBD FECO

100mg/CBD per ml @ \$32,500/yr

Vs. FECO CBD 62mg/ml @ \$3,600/yr



# Patented Big Pharma one Molecule solutions miss the importance of Whole Plant Supplementation

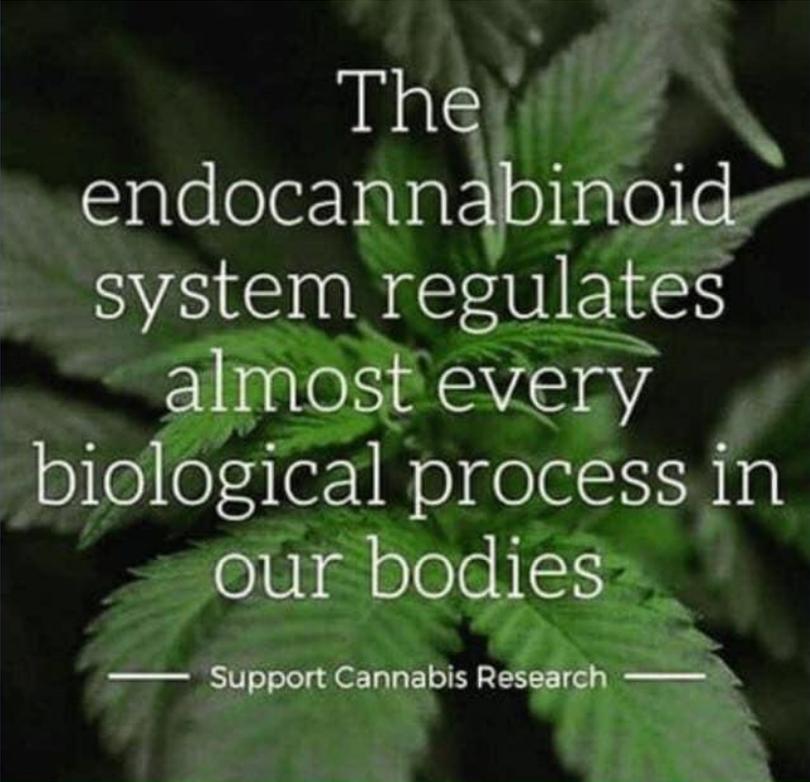
## Full Spectrum Hemp Oil

### NOT just CBD...

- Cannabinoids
- Terpenes
- Flavonoids
- Fatty Acids
- Vitamins
- Minerals

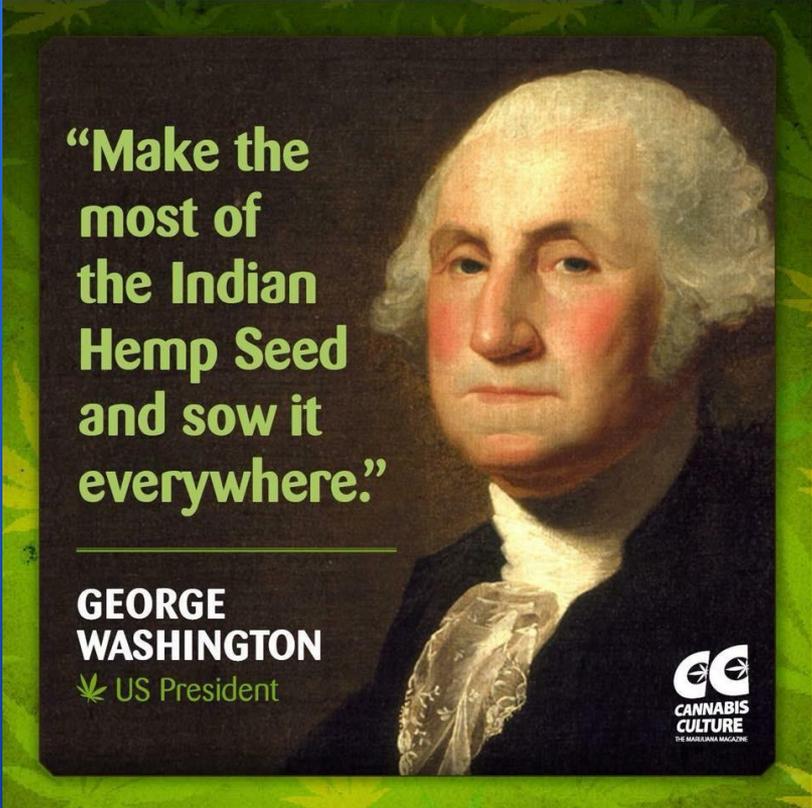


# Importance of Cannabis as a GRAS, Fundamental to Human Health



The  
endocannabinoid  
system regulates  
almost every  
biological process in  
our bodies

— Support Cannabis Research —



“Make the  
most of  
the Indian  
Hemp Seed  
and sow it  
everywhere.”

**GEORGE  
WASHINGTON**

 US President



**CANNABIS  
CULTURE**  
THE MODERN MARIJUANA

# WHY GRAS?

Regulations  
should be  
matched to the  
Relative  
Benefits & Risks  
Informed Use  
Proper Testing &  
Proper Labeling

## TOBACCO

No medical applications  
Only one real use



**5,000,000**  
Global deaths annually

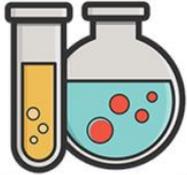
## CANNABIS

Many medical applications  
100's of various uses



**0**  
Global deaths annually

# GRAS 3rd Party TESTING & LABELING



## TO SHOW POTENCY OF ACTIVE CBD

Non-biased third-party full panel lab tests show the amounts of active CBD in the product.



## TO DETECT ANY HARMFUL CHEMICALS

Full panel third-party lab tests will prove that there are NO pesticides, herbicides, fertilizers or harmful chemicals present in the product.



## TO PROVE ITS FULL SPECTRUM HEMP OIL

Full Spectrum Hemp oil has the presence of CBD and other important cannabinoids like CBG, CBC, CBGA and even trace amounts of THC. Therefore, these should be present in test results.



tested by  
Cannalysis

Lipton OG  
Hybrid



CBDt  
0.0%

Tested: 11/28/2016



In compliance with CA Prop 215 SB420 Section 11362.5 and 11362.7 of Ca.H.S.C. Do not drive or operate heavy equipment while under the influence. Keep out of reach of children. Unlawful to redistribute. Do not open until your final destination.

## Cannabaceutical™ Facts

Tested On: January 1, 2011

YOUR LOGO  
HERE

Blue Dream

Sativa Hyb.

14.20% Wt. Loss on Drying	
<b>Δ<sup>9</sup>-THC Max:</b>	<b>13.6 %</b>
Δ <sup>9</sup> -THCA	14.9 %
Δ <sup>8</sup> -THC	0.53 %
<b>CBD Max:</b>	<b>7.60 %</b>
CBDA	8.12 %
CBD	0.48 %
<b>CBN:</b>	<b>0.25 %</b>

### Safety Screen

Total Aerobic	<b>GOLD</b>
Enterobacteria	SILVER
Yeast & Mold	BRONZE
Pesticides	PASS

Patients can visit  
www.TheWercShop.com to  
learn more about this label  
and the test types reported

Do not use while operating a car or heavy machinery. Keep out of reach of children. For medical use only. % = Wt. %

<b>Cannabaceutical™ Facts</b>	
Afghani X Sour Diesel	
Tested On: November 11, 2013	
Total Aerobic Count	<b>GOLD</b>
Total Enterobacteria	<b>GOLD</b>
<b>Δ<sup>9</sup>-THC Max:</b>	<b>18.57 %</b>
Δ <sup>9</sup> -THCA	20.89 %
Δ <sup>8</sup> -THC	0.25 %
<b>CBD Max:</b>	<b>0.35 %</b>
CBDA	0.08 %
CBD	0.27 %
<b>CBD Max:</b>	<b>1.82 %</b>
Δ <sup>9</sup> -THCVA	0.13 %
CBN	ND %
Total Yeast & Mold	<b>GOLD</b>
Pesticides Screen	<b>PASS</b>
Sum of Top Terpenes	<b>22.5 mg/g</b>
β-Caryophyllene	7.5 mg/g
Myrcene	3.5 mg/g
Limonene	3.2 mg/g
α-Humulene	2.8 mg/g
α-Pinene	2.5 mg/g
β-Pinene	1.5 mg/g
Germacrene B (tl)	1.5 mg/g



# 3rd Party TESTING & LABELING




## Certificate of Analysis

Powered by Confident Cannabis  
1 of 2

**Trim Ready/CBD Hemp Direct**

NV 89119  
info@trimready.com  
(702) 338-6941  
Lic. #

**Sample: 1811NVC1283-6524**

Strain: AC Diesel #2

Sample Received: 11/06/2018; Report Created: 11/09/2018

Sample Received: 11/06/2018; Report Created: 11/09/2018

**AC Diesel #2**

Plant, Flower - Cured  
Harvest Process Lot: METRC Batch: METRC Sample:



The photo on this report is of a sample collected by the lab and may vary from the final packaging

**Safety**

Pass	Pass	Pass
Pesticides	Microbials	Mycotoxins
Not Tested	Pass	Pass
Solvents	Heavy Metals	Foreign Matter



**Cannabinoids**

	<LOQ	<LOQ	16.507%	9.6%
	THCa	Total Potential THC	Total Potential CBD	Moisture
Analyte	LOQ	Mass	Mass	Mass
	%	mg/g	%	mg/g
THCa	0.244	<0.244	<0.244	<2.44
Δ <sup>9</sup> -THC	0.244	<0.244	<0.244	<2.44
CBD	0.244	1.352	13.52	
CBDa	0.244	17.281	172.81	
CBC	0.244	<0.244	<2.44	
CBG	0.244	<0.244	<2.44	
CBN	0.244	<0.244	<2.44	
THCV	0.244	<0.244	<2.44	
Δ <sup>8</sup> -THC	0.244	<0.244	<2.44	
CBGa	0.244	1.562	15.62	
CBV	0.244	<0.244	<2.44	
<b>Total</b>		<b>15.955</b>	<b>159.95</b>	

Total THC = THCa \* 0.877 + Δ<sup>9</sup>THC + Δ<sup>8</sup>THC  
Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoids analyzed by SOP-021.

Notes:

LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Terpenes analyzed by SOP-022.

**Terpenes**

Analyte	LOQ	Mass	Mass	%
	mg/g	mg/g	mg/g	%
β-Myrcene	0.10	5.04	0.504	
β-Caryophyllene	0.10	1.85	0.185	
α-Bisabolol	0.10	1.45	0.145	
α-Pinene	0.10	0.93	0.093	
(-)-Guaifol	0.10	0.72	0.072	
α-Humulene	0.10	0.58	0.058	
(-)-β-Pinene	0.10	0.53	0.053	
δ-Limonene	0.10	0.50	0.050	
Caryophyllene Oxide	0.10	0.36	0.036	
Oxlinene	0.10	0.21	0.021	
Linalool	0.10	0.14	0.014	
α-Terpinene	0.10	<0.10	<0.010	
Camphene	0.10	<0.10	<0.010	
δ-3-Carene	0.10	<0.10	<0.010	
γ-Terpinene	0.10	<0.10	<0.010	
Geraniol	0.10	<0.10	<0.010	
Nonadiol	0.10	<0.10	<0.010	
(-)-Isopulegol	0.10	<0.10	<0.010	
p-Cymene	0.10	<0.10	<0.010	
Terpinolene	0.10	<0.10	<0.010	

6431 Schuster Street  
Las Vegas, NV  
(702) 826-2700  
http://www.nvcann.com

*Brenda Shaloo*

Brenda Shaloo  
Scientific Operations Director

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support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com



All pass limits are as specified in NAC 453A and DPHH Policies. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by NV Cann Labs using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. NV Cann Labs makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of NV Cann Labs. Uncertainty information is available upon request. pH/Water activity is NOT FDA 375C3 accredited.



## Certificate of Analysis

Powered by Confident Cannabis  
2 of 3

**Bluebird Botanicals**

Phoenix, AZ 85022  
fionn@bluebird-botanicals.com  
(503) 853-6530  
Lic. #

**Sample: 1802DEL0163.1909**

Strain: Not specified

Batch#: , Batch Size: - grams

Sample Received: 02/09/2018; Report Created: 02/13/2018; Expires: 03/15/2018

Sample Received: 02/09/2018; Report Created: 02/13/2018; Expires: 03/15/2018

**0235**

Ingestible, Liquid Fats (Oils)  
Lab Internal ID: 40203



**Terpenes**

Analyte	LOQ	Mass
	PPM	PPM
α-Pinene	25.00	595.00
Camphene	25.00	<LOQ
β-Myrcene	25.00	2376.00
β-Pinene	25.00	353.00
δ-3-Carene	25.00	152.00
α-Terpinene	25.00	<LOQ
trans-Ocimene	25.00	127.00
δ-Limonene	25.00	614.00
p-Cymene	25.00	ND
cis-Ocimene	25.00	489.00
Eucalyptol	25.00	45.00
γ-Terpinene	25.00	<LOQ
Terpinolene	25.00	208.00
Linalool	25.00	175.00
Isopulegol	25.00	<LOQ
β-Caryophyllene	25.00	901.00
α-Humulene	25.00	342.00

**Primary Aromas**



Hops



Cinnamon



Orange



Pine



Earthy

**0.64%**  
**6,357.00 PPM**  
Total Terpenes

LOQ = Limit of Quantitation. The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

32620 N. Cave Creek Road Suite 1A  
Phoenix, AZ 85022  
(602) 466-9730  
http://www.deltaverdelab.com

*James Clark*

James Clark  
Laboratory Director

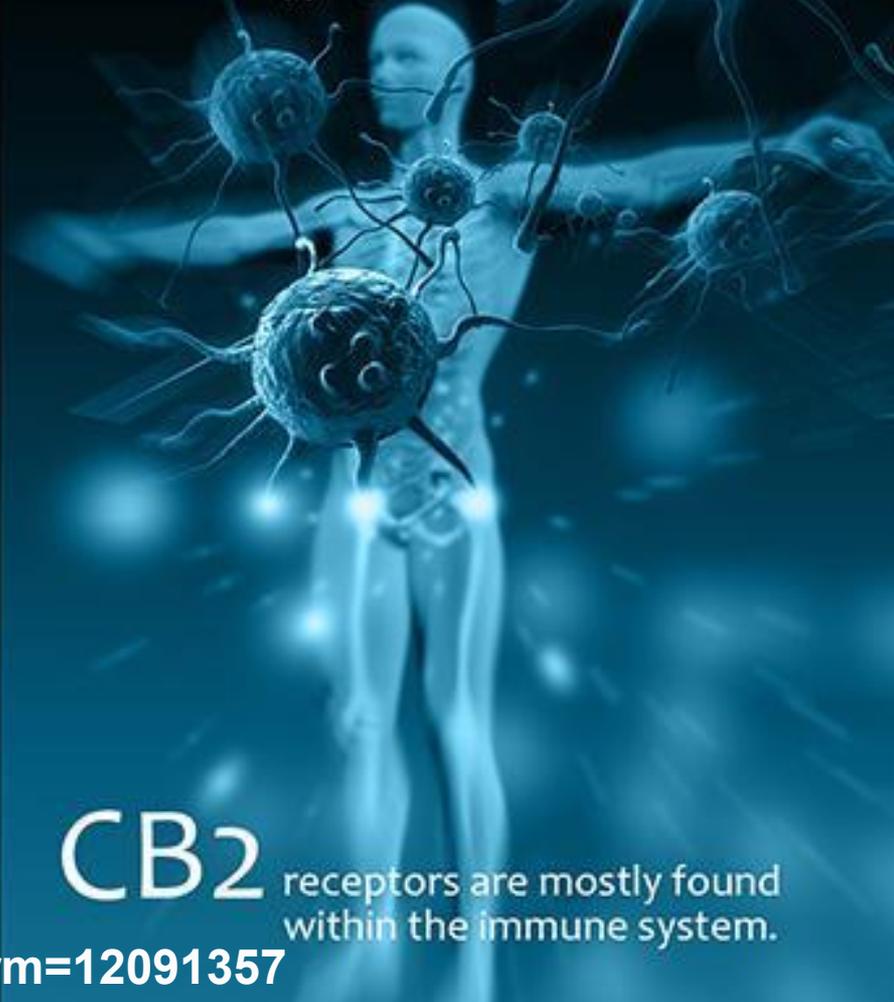
Confident Cannabis  
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support@confidentcannabis.com  
(866) 506-5866  
www.confidentcannabis.com

This product has been tested by Delta Verde Laboratory using valid testing methodologies. Values reported relate only to the product tested. Delta Verde Laboratory makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Delta Verde Laboratory.

The cannabinoid receptors are further divided into 2 main subtypes, known as cb1 and cb2.



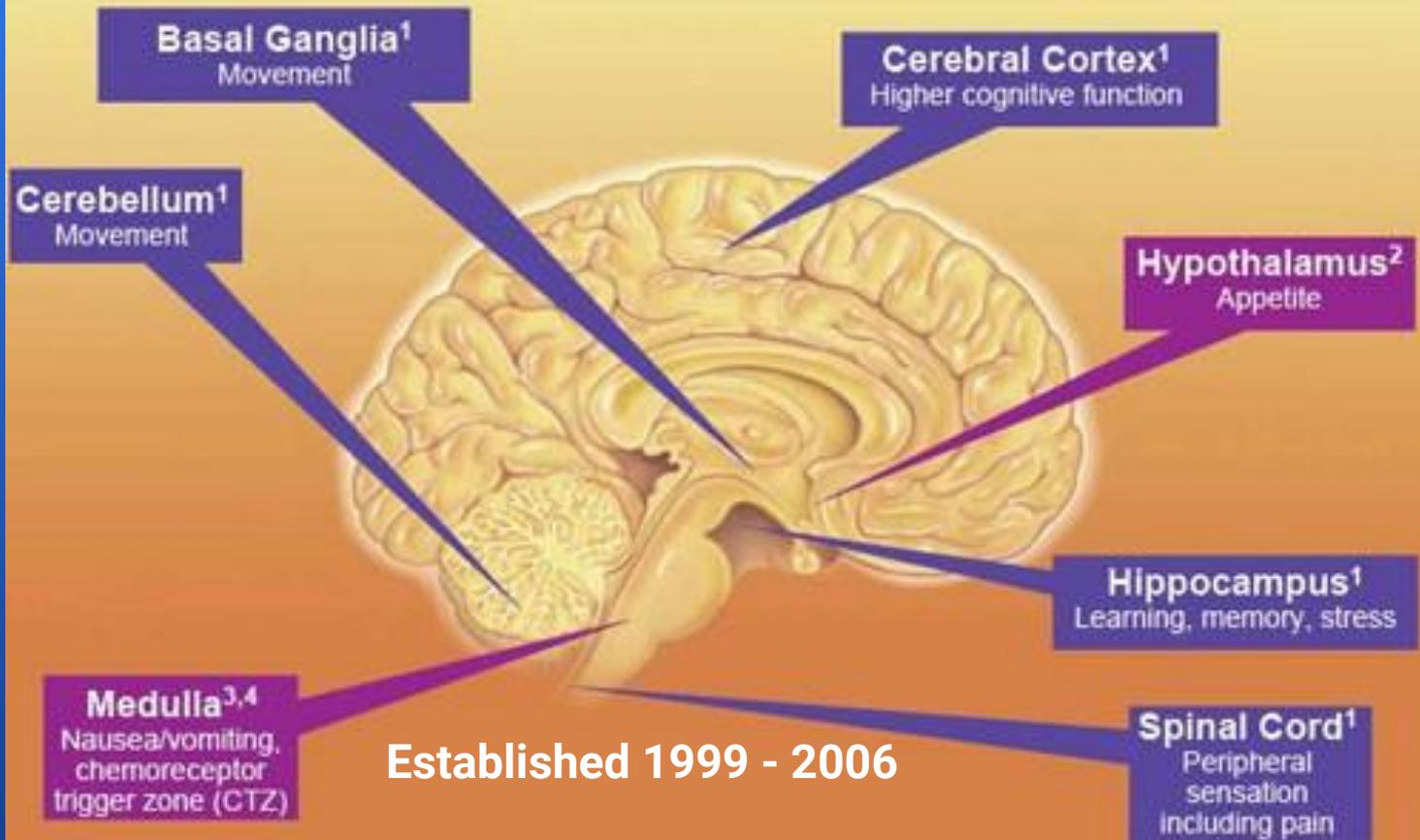
**CB1** is found mostly in the brain.



**CB2** receptors are mostly found within the immune system.

<https://www.ncbi.nlm.nih.gov/pubmed/?term=12091357>

# Concentrations of CB<sub>1</sub> receptors



1. Joy JE, et al, eds. *Marjuana and Medicine: Assessing the Science Base*. Washington, DC: National Academy Press; 1999:33-81. 2. Martin BR, et al. *J Support Oncol*. 2004;2(4):305-316. 3. Grobchenian F. *Curr Drug Targets CNS Neurol Disord*. 2005;4(5):507-530. 4. Navari RM, et al. *Expert Opin Emerg Drugs*. 2006;11(1):137-151.

# Endocannabinoid Tone

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Think



Feel



Act

# Clinical Endocannabinoid Imbalance

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## Overstimulation

- Metabolic syndrome
- Obesity and overeating
- Increased Inflammation
- Insulin Resistance/Diabetes
- Mental health instability

## Under-stimulation

- Migraines
- Chronic pain
- Fibromyalgia
- Depression
- Prolonged PTSD

# THC IS NOW FEDERALLY LEGAL

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2018 Farm Act (Agriculture Improvement Act of 2018), Section 12619, amends the Controlled Substances Act to exempt hemp-derived THC from Schedule I.

**THC (Hemp-Derived) IS NO LONGER A SCHEDULED DRUG**

Implications: employment policies, medical treatment (including pain management and organ transplant eligibility), eligibility for public assistance including Section 8 housing, and DUI laws.

# LEGAL THC GUMMIES

---

The Farm Act requires that THC not exceed .3% of dry weight of plant and of any products derived therefrom.

Average weight of gummy bear = 2 grams

.3% of 2 grams = 6 mg THC

Psychoactive THC doses start around 2 mg.



YOU'LL NEED TO BE GENETICALLY MODIFIED TO TOLERATE AN ENVIRONMENT LIKE

# MONSANTOLAND



FROM THE PEOPLE WHO BROUGHT YOU

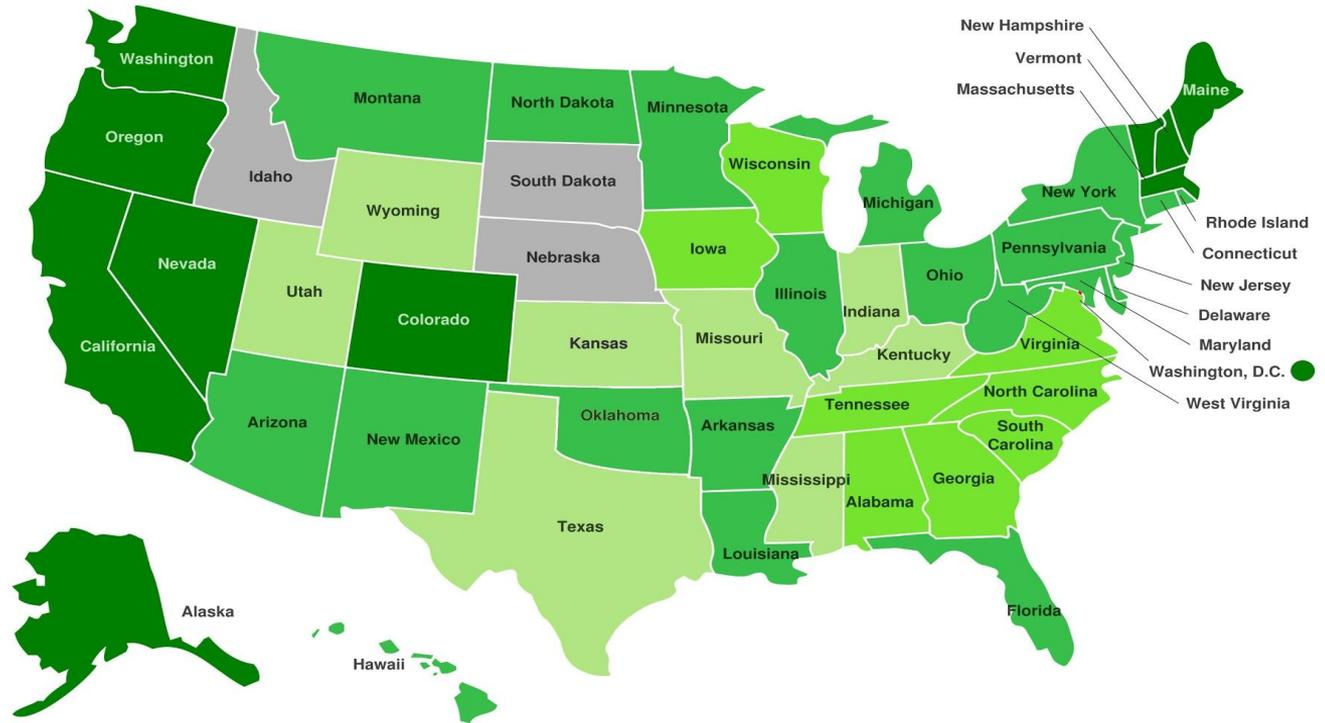
**PCB'S, DIOXIN & AGENT ORANGE**

Who Will We Trust? For  
the Nutrition & Health  
of our Children?

Big PHARMA “Pay to  
Play” Model or The Will  
of The American People



- Recreational**
- Medical (open THC)**
- Medical (.9-5% THC)**
- CBD (0-.5% THC)**
- NO CBD (& NO THC)**



**33 of 50 States have Legal Medical Cannabis**  
**47 out of 50 Allow High CBD - March 2019**