



**Cannabidiol**—CBD—is a cannabis compound that has significant medical benefits, but does not make people feel “stoned” and according to recent studies, counteract Hyper-Sensitivity to THC in some cases. The fact that **CBD-rich cannabis** is non-psychoactive or less psychoactive than THC-dominant strains makes it an appealing

option for patients looking for relief from inflammation, pain, anxiety, psychosis, seizures, spasms, and other conditions without disconcerting feelings of lethargy or dysphoria some experience from High THC Cannabis. Scientific and clinical research—much of it sponsored by the US government—underscores CBD’s potential as a treatment for a wide range of conditions, including arthritis, diabetes, alcoholism, MS, chronic pain, schizophrenia, PTSD, depression, antibiotic-resistant infections, epilepsy, and other neurological disorders. CBD has demonstrable neuroprotective and neurogenic effects, and its anti-cancer properties are currently being investigated at several academic research centers in the United States and elsewhere.

## FOLIUM BIOSCIENCES

The best products start with the best ingredients. **Folium Biosciences grows a unique strain of hemp** that was specifically bred from the most medicinally high cannabidiol

strains of medical cannabis. Our genetics evolved over a 7-year period in which the highest CBD and lowest THC plants were identified and cross bred. Because Folium’s plants produce naturally less than .3% THC on a dry weight basis, they could register their proprietary strain with the Colorado Department of Agriculture as INDUSTRIAL HEMP. Industrial Hemp is defined by the US Government in section 7607 of the 2014 Federal Farm Bill as *ANY CANNABIS SATIVA THAT PRODUCES NATURALLY LESS THAN 0.3% THC ON A DRY WEIGHT BASIS*. Both Folium Biosciences and CBD USA GROWN are active members of the Hemp Industries Association nationally and foster their policies and support their educational programming. Folium Biosciences is one of the only companies in the United States that conforms to section 7607 of the Farm Bill. Our phytocannabinoid rich medicinal hemp is currently being used in several university studies including medical research for pain, inflammation, stress, cancer, auto-immune diseases and neurological conditions. Not all hemp is created equal and not all CBD is the same. True Industrial Hemp, characterized by its tall stocks is grown for its fibers which are the strongest plant fibers in nature. Industrial hemp is also grown for



**Serving the  
Hemp Industry  
Since 1994**

its seed which contains essential amino acids but no phytocannabinoids. This type of industrial hemp contains very few phytocannabinoids and limited amounts of other synergistic compounds.

**Folium hemp provide the true health benefits of medical cannabis  
without any of the psychoactive effects of THC.**

The Folium hemp farms are in La Junta Colorado, and are some of the largest hemp farms in the United States. Our unique genetics provides us and our customers with a competitive advantage in the global hemp derived phytocannabinoid industry. Folium doesn't plant seeds, they plant clones. Clones ensure a more consistent and reliable end-product. The CBD Products provided by Folium Biosciences to CBD USA GROWN, Inc. are all 100% THC without any residual THC compounds which could lead to someone failing a drug test. Our CBD Products will not show up on drug tests when using on a daily or intermittent basis.

**CBD USA GROWN, Inc.** has an exclusive partnership with Folium Biosciences to distribute only Folium grown, extracted and manufactured products without any alterations or changes to their formula.



TEST ID: 011917SB  
 OIL BATCH No.: ILNO17-01

DATE: 1/20/2017

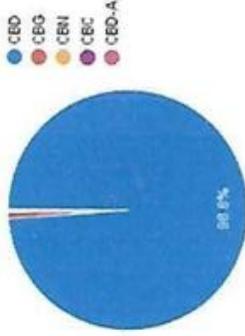
DATE: 1/20/2017

TYPE: Phytocannabinoid Rich Hemp Oil, Zero THC

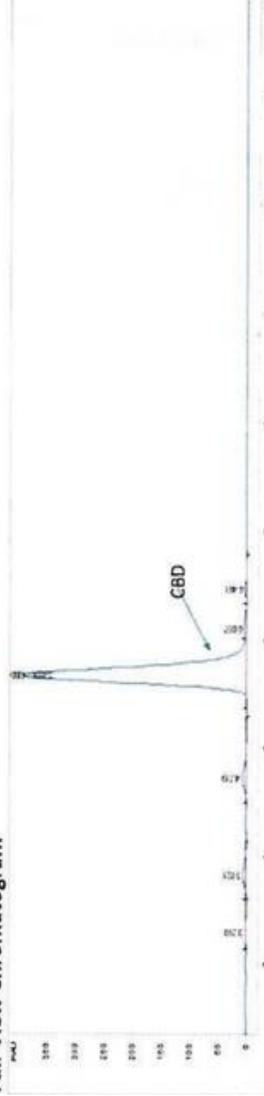
TYPE: Phytocannabinoid Rich Hemp Oil, Zero THC

**POTENCY RESULTS**

	Wt. (%)	(mg/g)
CBD	64.63	646.3
CBG	0.5	5.0
CBN	0.1	1.0
THC	ND	ND
CBC	0.1	1.0
THC-A	ND	ND
CBD-A	0.10	1.0
MAX THC	ND	ND
MAX CBD	64.6	646.3
TOTAL ACTIVE	64.6	646.3



**Full-View Chromatogram**



**Magnified Chromatogram**



**VISUAL INSPECTION**

Clear, amber oil (liquefies upon heating at 70C, if in solid form)

LAB INFORMATION  
 Follum Biosciences

Raj Gupta, Ph.D., Lab Director

**TERPENES RESULTS**

	Wt. (%)	Wt. (%)	
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maallene	0.5-2.0	α-Bisabolol	< 0.1
Calarene	0.5-1.5	P-Cymene	< 0.1
β-Caryophyllene	0.1-1.0	Linalool	< 0.1
α-Humulene	0.1-1.0	Myrcene	< 0.1
Cadinene	0.1-1.0	Phytol	< 0.1
α-Gurjunene	0.1-0.5	Isopulegol	< 0.1
d-Limonene	0.1-0.5	Terpinene	< 0.1
Nerolidol	0.1-0.5	Geraniol	< 0.1
α-Pinene	0.1-0.5	Myrcene	< 0.1
Aristolene	0.1-0.3	γ-Terpinene	< 0.1
Eucalyptol	0.1-0.2	δ-3-Carene	< 0.1

**RESIDUAL SOLVENTS RESULTS**

Propane	Not Detected	Pentane	Not Detected
Isobutane	Not Detected	Isopropanol	Not Detected
Butane	Not Detected	Hexane	Not Detected
Ethanol	Not Detected	Acetone	Not Detected

**PESTICIDES RESULTS**

Acequinocyl	Not Detected	Spinosad	Not Detected
Pyrethrium	Not Detected	Spirotetramat	Not Detected
Spiromesifen	Not Detected	Bifenazate	Not Detected
Abamectin	Not Detected	Fenoxycarb	Not Detected
Imidacloprid	Not Detected	Paclbutrazol	Not Detected

**HEAVY METALS**

Cadmium	Not Detected
Lead	Not Detected
Arsenic	Not Detected