



# Folium Biosciences

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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** THC-Free Phytocannabinoid Rich Hemp Oil

**FULFILLMENT LOT NUMBER:** 070816B1 (Sales Order #M2016-JUNE-180 1600 g total CBD, Total of 2,085 g oil)

**OIL BATCH NUMBER:** ILNO16-7

**DATE OF MANUFACTURE:** 07/08/2016

Attributes	Acceptance Criteria	Results
Appearance	Viscous amber oil	Viscous amber oil
Total Cannabinoid Content	75-85% CBD	80.6% CBD THC Undetectable
Microbial Testing	Total Aerobic Count < 2000 CFU/g Total Yeast & Mold < 200 CFU/g	Total Aerobic Count < 2000 CFU/g Total Yeast & Mold < 200 CFU/g

Package	Acceptance Criteria	Test Results
Primary Package	Container dedusted and wiped clean Container cap screwed on tight	Container dedusted and wiped clean Container cap screwed on tight
Secondary Package	Carton sturdy and clean Sufficient cushion material exists Carton taped on all sides	Carton sturdy and clean Sufficient cushion material exists Carton taped on all sides

**Solidification may occur due to the purity of CBD. If this occurs, gently heat product at 70 degrees Celsius in a water bath or oven.**

*Amanda Proud* 07/08/16

Prepared by Amanda Proud, Technical Operations, Folium Biosciences

*Jenna Lubiechicki* 07/08/16

Reviewed by Jenna Lubiechicki, Technical Operations, Folium Biosciences

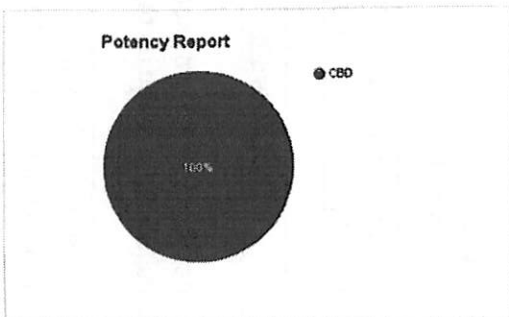
E-7016

TEST ID: H160707-02DH      DATE: 7/8/2016  
 OIL BATCH No.: ILNO16-7  
 TYPE: Phytocannabinoid Rich Hemp Oil - Zero THC

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### POTENCY RESULTS

	Wt. (%)	(mg/g)
CBD	80.57	805.7
CBG	< 0.1	< 1.0
CBN	< 0.1	< 1.0
THC	Absent	Absent
CBC	Absent	Absent
THC-A	Absent	Absent
CBD-A	< 0.1	< 1.0
MAX THC	Absent	Absent
MAX CBD	80.6	805.7
TOTAL ACTIVE	80.6	805.7



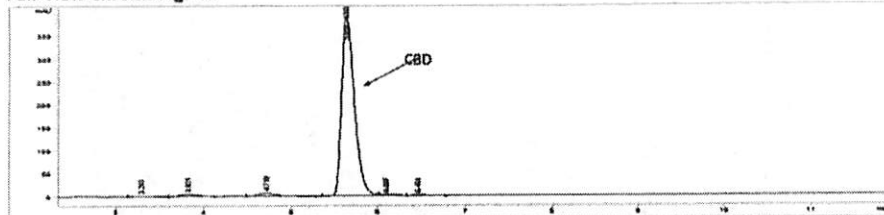
### TERPENES RESULTS

	Wt. (%)		Wt. (%)
d-Limonene	0.1-0.5	Myrcene	< 0.1
Eucalyptol	0.1-0.2	α-Bisabolol	< 0.1
α-Humulene	0.1-1.0	Phytol	< 0.1
α-Pinene	0.1-0.5	Linalool	< 0.1
β-Caryophyllene	0.1-1.0	Nerolidol	< 0.1

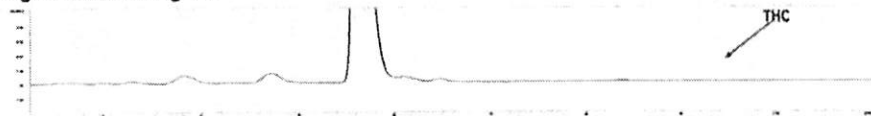
### RESIDUAL SOLVENTS RESULTS

Propane	Compliant with USP<467>	Pentane	Compliant with USP<467>
Isobutane	Compliant with USP<467>	Isopropanol	Compliant with USP<467>
Butane	Compliant with USP<467>	Hexane	Compliant with USP<467>
Ethanol	Compliant with USP<467>	Acetone	Compliant with USP<467>

### Full-View Chromatogram



### Magnified Chromatogram



### VISUAL INSPECTION

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

### LAB INFORMATION

Folium Biosciences  
 828 Wooten Road  
 Colorado Springs, CO 80915

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 www.foliumbiosciences.com

### 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	Paclitaxel	Not Detected

### HEAVY METALS

Cadmium	Compliant with USP<232>
Lead	Compliant with USP<232>
Arsenic	Compliant with USP<232>
Mercury	Compliant with USP<232>

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