

# Certificate of Analysis

# DISCIPLINE

BATCH: ILI16-1 DATE: 01/08/2018

**PRODUCT NAME:** 99.9% CBD Isolate  
**FULFILLMENT LOT NUMBER:** 092716I2  
**BATCH LOT NUMBER:** ILI16-1

Attributes	Acceptance Criteria	Results
Appearance	Off white to pale yellow amorphous powder	Off white to pale yellow amorphous powder
Total Cannabinoid Content	99.9% CBD	99.9% CBD
Microbiological 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 clean Container cap screwed on tight	Container dedusted and 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

**PRODUCT NAME:** THC Free Phytocannabinoid Rich Hemp Oil  
**FULFILLMENT LOT NUMBER:** 092716B1  
**OIL BATCH NUMBER:** ILI16-12

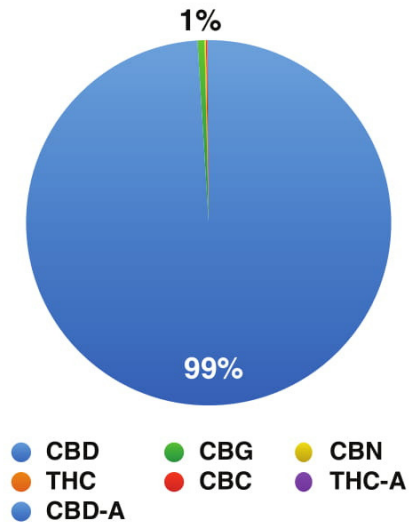
Attributes	Acceptance Criteria	Results
Appearance	Viscous dark amber oil	Viscous dark amber oil
Total Cannabinoid Content	70-80% CBD	80.5% total cannabinoids <b>THC Undetectable</b>
Microbiological Testing	Total Aerobic Count < 2000 CFU/g Total Yeast & Mold < 200 CFU/g	Total Aerobic Count < 2000 CFU/g 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

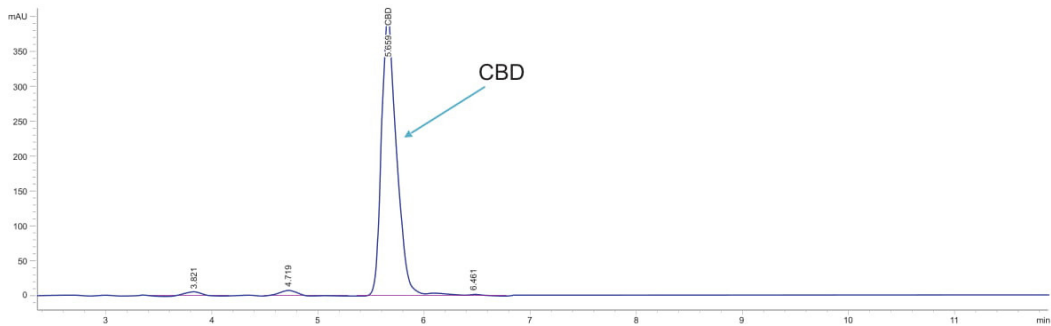
TEST ID: 092316SB  
OIL BATCH No: ILNO16-12  
TYPE: Phytocannabinoid Rich Hemp Oil

### POTENCY RESULTS

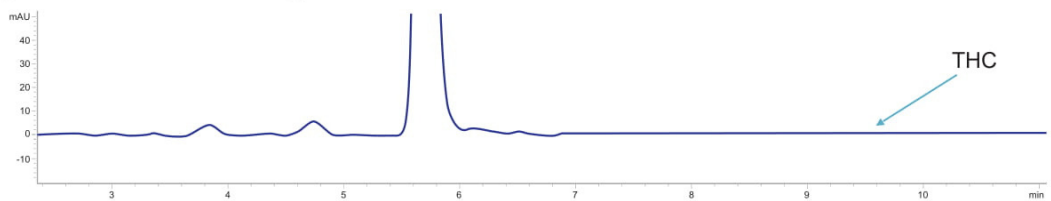
	Wt. (%)	(mg/g)
CBD	80.50	805.0
CBG	0.5	5.0
CBN	0.1	1.0
<b>THC</b>	<b>ND</b>	<b>ND</b>
CBC	0.1	1.0
<b>THC-A</b>	<b>ND</b>	<b>ND</b>
CBD-A	0.1	1.0
MAX THC	ND	ND
MAX CBD	80.5	805.0
Total Active	<b>80.5</b>	805.0



### Full-View Chromatogram



### Magnified Chromatogram



### Visual Inspection

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

TEST ID: 092316SB  
 OIL BATCH No: ILNO16-12  
 TYPE: Phytocannabinoid Rich Hemp Oil

### **TERPENES RESULTS**

	Wt. (%)			Wt. (%)
d-Limonene	0.1-0.5		Myrcene	< 0.1
Eucalyptol	0.1-0.2		$\alpha$ -Bisabolol	0.1-1.0
$\alpha$ -Humulene	0.1-1.0		Phytol	< 0.1
$\alpha$ -Pinene	0.1-0.5		Linalool	< 0.1
$\beta$ -Caryophyllene	0.1-1.0		Nerolidol	< 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		Paclobutrazol	Not Detected

### **HEAVY METALS**

Cadmium	Not Detected			
Lead	Not Detected			
Arsenic	Not Detected			
Mercury	Not Detected			

**Lab results performed by:**

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