

## Batch FSI0B20 **Full Spectrum Hemp Oil I,000mg CBD**

We have created a condensed document for easier readability.

Actual lab results may be found below.

**AURUM LABS Aurum Labs 208 Parker Avenue Suite A Durango**, CO (970) 422-1867 www.aurum-labs.com

1 serving = 1 mL









### CANNABINOIDS

Cannabidiol (CBD) Total THC (d9-THC + Cannabigerol (CBG) Cannabidiolic Acid (CBDa) Cannabidivarin (CBDV) Cannabichromene (CBC)

#### 33.82mg/mL 1.14mg/mL 1.71mg/mL

N/A

PER SERVING

### **RESIDUAL SOLVENTS**

Acetone
Benzene
Butanes
Ethanol
Ethyl-Acetate
Heptanes
Hexanes
Isopropanol
Methanol
n-Pentane
Propane
Toluene
Xylenes

n-Per Prop Tolue Xyler

**TERPENES** 

### PER GRAM

**STATUS** 

PASS

PASS

PASS

PASS

1.98mg/gm 0.70mg/gm 0.61mg/gm 0.20mg/gm 0.15mg/gm trans-Nerolidol 0.12mg/gm 0.09mg/gm 0.07mg/gm 0.06mg/gm



## **STATUS**

PASS PASS



### PESTICIDES

We tested for 13 total pesticides and none were found to be above the LoQ in sample.



**REGULATORY ACTION LVL** 

s-Caryophyllene (-)-ž-Bisabolol ž-Humulene s-Myrcene

B-Limonene

Ocimene

ž-Pinene

Arsenic

Lead

Cadmium

Mercury

**HEAVY METALS** 



**Cannabinoid Potency and Contaminant Analysis Report** 

Sample Name:	FS10B20
Sample Type:	Concentrates & Extracts, Other, Other
Sample ID:	2012AU0099.16696
Batch ID:	
METRC Tag:	1A4000712682A2A000002340

#### **Twin Pines**

8251 5700 Rd

Olathe, CO 81425 (903) 343-4349 Lic. #403H-75142.16

Cannabinoid Profile							
Analyte	LOQ	Amount	Amount				
	%	%	mg/g				
THCa	0.03	ND	ND				
∆9-THC	0.03	0.12	1.2				
∆8-THC	0.02	ND	ND				
CBDa	0.03	0.05	0.5	1			
CBD	0.03	3.56	35.6				
CBDVa	0.02	ND	ND				
CBDV	0.02	0.05	0.5	1			
CBN	0.02	ND	ND				
CBGa	0.02	ND	ND				
CBG	0.02	0.18	1.8				
CBCa	0.02	ND	ND				
CBC	0.02	0.28	2.8				
CBL	0.02	0.02	0.2	1			
CBL	0.02	0.02	0.2				

Total Cannabinoids						
Analyte	Total*					
THC	0.12%					
CBD	3.60%					
CBG	0.18%					
CBC	0.28%					
CBDV	0.05%					
*Tatalia the sum of the mentual (active) as we his sides of the						

\*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid.

Sample Photo	Residual Solvent Analysis							
	Analyte	LOQ	Limit Amount	Status	Analyte	LOQ	Limit Amount	Status



	Misushial Contantinents
12	

Final Ap	oproval		Microbial Conta	aminants	
he M	A 15-	Analyte	Limit	Amount	Status
Results Approved By:	Results Analyzed By:				

Lucas Mason, M.S. Lab Director Results Analyzed By: Joshua Reilly Analyst

#### Received: 12/14/2020

#### Tested: 12/15/2020

#### Reported: 12/16/2020

Definitions: LOQ= Limit of Quantitation, ND = Not Detected, CFU/g = Colony Forming Units per Gram

This product has been tested by Aurum Labs using validated testing methodologies (unless specified in this report) and a Quality System as required by state law. Values reported related only to the product tested. Uncertainty information available upon request. Aurum Labs makes no claims 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, with the written approval of Aurum Labs.



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Sample: 2012AU0099.16696

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#### **Contaminant Analysis Report**

#### **Twin Pines**

Sample Name:Distillate 6/24/20Sample Type:Concentrates & Extracts, Batter, OtherSample ID:2012AU0080.16614Batch ID:IA4000712682A2A000002337

8251 5700 Rd

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#### **Residual Solvent Analysis Results**

Analyte	LOQ	Limit	Amount	Status	Analyte	LOQ	Limit	Amount	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Acetone	154.6	1000.0	ND	Pass	Isopropanol	155.0	1000.0	ND	Pass
Benzene	1.0	2.0	ND	Pass	Methanol	248.5	600.0	ND	Pass
Butanes	19.7	1000.0	ND	Pass	n-Pentane	18.5	1000.0	ND	Pass
Ethanol	155.6	1000.0	ND	Pass	Propane	19.7	1000.0	ND	Pass
Ethyl-Acetate	98.6	1000.0	ND	Pass	Toluene	8.5	180.0	ND	Pass
Heptanes	20.2	1000.0	ND	Pass	Xylenes	12.7	430.0	ND	Pass
Hexanes	9.7	60.0	ND	Pass					



#### **Notes and Interpretations**

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Sample was analyzed as received. Deviations from SOP: None.

**Final Approval Test Status Residual Solvent Analysis** Pass Results **Results Approved By: Results Analyzed By:** Trey Murschell, PhD Lucas Mason, M.S. Lab Director Senior Chemist Received: 12/14/2020 Tested: 12/15/2020 Reported: 12/16/2020

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Sample: 2012AU0080.16614



#### **Terpene Analysis Report**

#### Sample Name: Crude 500/1 Sample Type: Concentrates & Extracts, Other, Other Sample ID: 1912AU0132.19728 Batch ID: METRC Tag: 1A4000712682A2A000002062

**Twin Pines** 

8251 5700 Rd

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		Ierpene	Prome	
Analyte	LOQ	Amount	Amount	ର
	mg/g	mg/g	%	
β-Caryophyllene	0.05	1.98	0.198	
(-)-α-Bisabolol	0.05	0.70	0.070	
α-Humulene	0.05	0.61	0.061	Cinnamon
β-Myrcene	0.05	0.20	0.020	
δ-Limonene	0.05	0.15	0.015	
trans-Nerolidol	0.03	0.12	0.012	
Ocimene	0.05	0.09	0.009	
Linalool	0.05	0.07	0.007	Chamomile
α-Pinene	0.05	0.06	0.006	Chanonnie
α-Terpinene	0.05	ND	ND	
β-Pinene	0.05	ND	ND	
Camphene	0.05	ND	ND	
Caryophyllene Oxide	0.05	ND	ND	<b>Y</b>
cis-Nerolidol	0.02	ND	ND	Hops
δ-3-Carene	0.05	ND	ND	
Eucalyptol	0.05	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
y-Terpinene	0.05	ND	ND	
Geraniol	0.05	ND	ND	
(-)-Guaiol	0.05	ND	ND	
(-)-Isopulegol	0.05	ND	ND	Orange
p-Cymene	0.05	ND	ND	
Terpinolene	0.05	ND	ND	

**Notes and Interpretations** 



The aroma profile shown reflect the highest measured concentration, from top to bottom, respectively.

#### **Final Approval**

**Results Approved By:** Lucas Mason, M.S. Lab Director

#### Received: 12/12/2019

#### Tested: 12/13/2019

Reported: 12/26/2019

Definitions: LOQ= Limit of Quantitation, ND = Not Detected, NT = Not Tested

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Sample: 1912AU0132.19728

nll

**Results Analyzed By:** Trey Murschell, PhD

Senior Chemist



#### **Contaminant Analysis Report**

#### **Twin Pines**

Sample Name:Distillate 500/1Sample Type:Concentrates & Extracts, Other, OtherSample ID:2001AU0206.01087Batch ID:IA4000712682A2A000002131

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			Pestic	ide Analy	sis Results
Analyte	LOQ	Limit	Amount	Status	
	PPB	PPB	PPB		
Abamectin	40.0	40.0	ND	Pass	
Azoxystrobin	10.0	10.0	ND	Pass	
Bifenazate	20.0	20.0	ND	Pass	
Etoxazole	10.0	10.0	ND	Pass	
Imazalil	40.0	40.0	ND	Pass	
Imidacloprid	10.0	10.0	ND	Pass	
Malathion	40.0	40.0	ND	Pass	
Myclobutanil	20.0	20.0	ND	Pass	
Permethrin	10.0	10.0	ND	Pass	
Spinosad	40.0	40.0	ND	Pass	
Spiromesifen	30.0	30.0	ND	Pass	
Spirotetramat	10.0	10.0	ND	Pass	
Tebuconazole	10.0	10.0	ND	Pass	
Spiromesifen Spirotetramat	10.0	30.0 10.0	ND ND	Pass Pass	

#### **Notes and Interpretations**

Analyzed via AAM-008 using Agilent 1260 HPLC & 6430 MS/MS. Deviations from SOP: None

**Final Approval Test Status Pesticide Analysis Results** Pass **Results Approved By: Results Analyzed By:** Trey Murschell, PhD Lucas Mason, M.S. Lab Director Senior Chemist Received: 01/23/2020 Tested: 01/23/2020 Reported: 01/27/2020

Definitions: LOQ = Limit of Quantitation, ND = Not Detected, NT = Not Tested, PPM = Parts per Million

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Sample: 2001AU0206.01087