

### CERTIFICATE OF ANALYSIS

Sample Name: 4oz Pump 100mg CBD Lotion

Steep Hill ID: AR83022 Batch ID: Mint

State ID:

Sample Type: Topical
Date Received: 3/4/2020
Date Reported: 3/9/2020
Pkg. Mass: 118 g

Customer: Findit Inc

5051 Peachtree Corners Circle #200 Peachtree Corners, GA 30092

# **OVERALL BATCH SUMMARY: PASS**

Cannabinoids Residual Pesticides Microbial Impurities Heavy Metals Residual Solvents Moisture Water Activity

Tested NT NT NT NT NT NT



**Total THC** 

Not Detected

Not Detected

Not Detected

Total CBD

0.0921 %

0.921 mg/g

109 mg/pkg

**Total Cannabinoids** 

0.0921 %

0.921 mg/g

109 mg/pkg



Brandon Thornton
Pharm D. Co-Owner & CEO

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PJLA Testing Accreditation # 97338 CERTIFICATE #: AR83022 REVISION #: AR83022.1



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#### **Cannabinoid Results**

3/9/2020

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR)

Analyte	%	mg/g	mg/pkg	LOD mg/g	LOQ mg/g
CBC	NT	NT	NT	NT	NT
CBD	0.0921	0.921	109	0.00470	0.0157
CBDA	ND	ND	ND	0.0128	0.0427
CBDV	NT	NT	NT	NT	NT
CBG	NT	NT	NT	NT	NT
CBGA	NT	NT	NT	NT	NT
CBN	NT	NT	NT	NT	NT
THC	ND	ND	ND	0.00680	0.0227
delta-8-THC	NT	NT	NT	NT	NT
THCA	ND	ND	ND	0.00963	0.0321
THCV	NT	NT	NT	NT	NT
Total	0.0921	0.921	109		

**Terpenoid Results** 

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-AR)

Analyte	%	mg/g	LOD mg/g	LOQ mg/g	Analyte	%	mg/g	LOD mg/g	LOQ mg/g
α-Bisabolol	NT	NT	NT	NT	Linalool	NT	NT	NT	NT
endo-Borneol	NT	NT	NT	NT	Menthol	NT	NT	NT	NT
Camphene	NT	NT	NT	NT	β-Myrcene	NT	NT	NT	NT
Camphor	NT	NT	NT	NT	Nerol	NT	NT	NT	NT
3-Carene	NT	NT	NT	NT	cis-Nerolidol	NT	NT	NT	NT
Caryophyllene Oxide	NT	NT	NT	NT	trans-Nerolidol	NT	NT	NT	NT
β-Caryophyllene	NT	NT	NT	NT	cis-β-Ocimene	NT	NT	NT	NT
α-Cedrene	NT	NT	NT	NT	trans-β-Ocimene	NT	NT	NT	NT
Cedrol	NT	NT	NT	NT	α-Phellandrene	NT	NT	NT	NT
Eucalyptol	NT	NT	NT	NT	α-Pinene	NT	NT	NT	NT
β-Farnesene	NT	NT	NT	NT	β-Pinene	NT	NT	NT	NT
Fenchol	NT	NT	NT	NT	Pulegone	NT	NT	NT	NT
Fenchone	NT	NT	NT	NT	Sabinene	NT	NT	NT	NT
Geraniol	NT	NT	NT	NT	Sabinene Hydrate	NT	NT	NT	NT
Geranyl Acetate	NT	NT	NT	NT	α-Terpinene	NT	NT	NT	NT
Guaiol	NT	NT	NT	NT	γ-Terpinene	NT	NT	NT	NT
α-Humulene	NT	NT	NT	NT	Terpineol	NT	NT	NT	NT
Isoborneol	NT	NT	NT	NT	Terpinolene	NT	NT	NT	NT
Isopulegol	NT	NT	NT	NT	Valencene	NT	NT	NT	NT
Limonene	NT	NT	NT	NT	Total	NT	NT	NT	NT

**Moisture Results** 

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-AR)

Analyte

Moisture

**Water Activity Results** 

Water activity analysis utilizing Water Activity Meter (WAM; SOP-059-AR) - Limit units: Aw

Pass/Fail Aw Limit

Water Activity

LOD: Limit of Detection LOQ: Limit of Quantitation

NT: Not Tested ND: Not Detected



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## **CERTIFICATE OF ANALYSIS**

**Residual Pesticides Results** 

NT

 $Residual\ pesticide\ analysis\ utilizing\ Liquid\ and\ Gas\ Chromatography-Mass\ Spectrometry\ (LC-MSMS+GC-MSMS;$ 

SOP-070-AR + SOP-073-AR) - Limit units: ug/g = ppm

Analyte Pa	ass/Fail	μg/g	Limit	LOD µg/g	LOQ µg/g	Analyte	Pass/Fail	μg/g	Limit	LOD µg/g	LOQ µg/g
Abamectin		NT	NT	NT	NT	Imazalil		NT	NT	NT	NT
Acephate		NT	NT	NT	NT	Imidacloprid		NT	NT	NT	NT
Acequinocyl		NT	NT	NT	NT	Kresoxim-methyl		NT	NT	NT	NT
Acetamiprid		NT	NT	NT	NT	Malathion		NT	NT	NT	NT
Aldicarb		NT	NT	NT	NT	Metalaxyl		NT	NT	NT	NT
Azoxystrobin		NT	NT	NT	NT	Methiocarb		NT	NT	NT	NT
Bifenazate		NT	NT	NT	NT	Methomyl		NT	NT	NT	NT
Bifenthrin		NT	NT	NT	NT	Methyl Parathion		NT	NT	NT	NT
Boscalid		NT	NT	NT	NT	MGK-264		NT	NT	NT	NT
Carbaryl		NT	NT	NT	NT	Myclobutanil		NT	NT	NT	NT
Carbofuran		NT	NT	NT	NT	Naled		NT	NT	NT	NT
Chlorantraniliprole		NT	NT	NT	NT	Oxamyl		NT	NT	NT	NT
Chlorfenapyr		NT	NT	NT	NT	Paclobutrazol		NT	NT	NT	NT
Chlorpyrifos		NT	NT	NT	NT	Permethrins		NT	NT	NT	NT
Clofentezine		NT	NT	NT	NT	Phosmet		NT	NT	NT	NT
Cyfluthrin		NT	NT	NT	NT	Piperonyl Butoxide		NT	NT	NT	NT
Cypermethrin		NT	NT	NT	NT	Prallethrin		NT	NT	NT	NT
Daminozide		NT	NT	NT	NT	Propiconazole		NT	NT	NT	NT
Diazinon		NT	NT	NT	NT	Propoxur		NT	NT	NT	NT
DDVP (Dichlorvos)		NT	NT	NT	NT	Pyrethrins		NT	NT	NT	NT
Dimethoate		NT	NT	NT	NT	Pyridaben		NT	NT	NT	NT
Ethoprophos		NT	NT	NT	NT	Spinosad		NT	NT	NT	NT
Etofenprox		NT	NT	NT	NT	Spiromesifen		NT	NT	NT	NT
Etoxazole		NT	NT	NT	NT	Spirotetramat		NT	NT	NT	NT
Fenoxycarb		NT	NT	NT	NT	Spiroxamine		NT	NT	NT	NT
Fenpyroximate		NT	NT	NT	NT	Tebuconazole		NT	NT	NT	NT
Fipronil		NT	NT	NT	NT	Thiacloprid		NT	NT	NT	NT
Flonicamid		NT	NT	NT	NT	Thiamethoxam		NT	NT	NT	NT
Fludioxonil		NT	NT	NT	NT	Trifloxystrobin		NT	NT	NT	NT
Hexythiazox		NT	NT	NT	NT						

Heavy Metals Results

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Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-AR) - Limit units:  $\mu g/kg$ 

Analyte	Pass/Fail	μg/kg	Limit	LOD µg/kg	LOQ µg/kg
Arsenic		NT	NT	NT	NT
Cadmium		NT	NT	NT	NT
Lead		NT	NT	NT	NT
Mercury		NT	NT	NT	NT

Microbial Impurities Results

NT

Microbiological screening utilizing 3M Petrifilm (SOP-700-AR) - Limit units: CFU/g

Analyte	Pass/Fail	Result	Limit	LOQ
Coliform		NT	NT	NT
General E. coli		NT	NT	NT
Salmonella		NT	NT	NT



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Pharm D. Co-Owner & CEO
Date: 3/9/2020

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## **CERTIFICATE OF ANALYSIS**

#### **Residual Solvents Results**

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography - Mass Spectrometry (HS-GC-MS; SOP-010-AR) - Limit units: µg/g

Analyte	Pass/Fail	μg/g	Limit	LOD μg/g	LOQ μg/g	Analyte	Pass/Fail	μg/g	Limit	LOD μg/g	LOQ μg/g
1-Butanol		NT	NT	NT	NT	Dimethyl Sulfoxide		NT	NT	NT	NT
1-Pentanol		NT	NT	NT	NT	Ethanol		NT	NT	NT	NT
1-Propanol		NT	NT	NT	NT	Ethyl Acetate		NT	NT	NT	NT
1,2-Dimethoxyethane		NT	NT	NT	NT	Ethyl Ether		NT	NT	NT	NT
1,4-Dioxane		NT	NT	NT	NT	Ethylene Glycol		NT	NT	NT	NT
2-Butanol		NT	NT	NT	NT	Ethylene Oxide		NT	NT	NT	NT
2-Butanone		NT	NT	NT	NT	Heptane		NT	NT	NT	NT
2-Ethoxyethanol		NT	NT	NT	NT	n-Hexane		NT	NT	NT	NT
2-Methylbutane		NT	NT	NT	NT	Isopropyl Acetate		NT	NT	NT	NT
2-Methylpentane		NT	NT	NT	NT	Methanol		NT	NT	NT	NT
2-Propanol (IPA)		NT	NT	NT	NT	Methylpropane		NT	NT	NT	NT
2,2-Dimethylbutane		NT	NT	NT	NT	N,N-Dimethylacetamide		NT	NT	NT	NT
2,3-Dimethylbutane		NT	NT	NT	NT	N,N-Dimethylfromamide		NT	NT	NT	NT
3-Methylpentane		NT	NT	NT	NT	Pentane		NT	NT	NT	NT
Acetone		NT	NT	NT	NT	Propane		NT	NT	NT	NT
Acetonitrile		NT	NT	NT	NT	Pyridine		NT	NT	NT	NT
Benzene		NT	NT	NT	NT	Sulfolane		NT	NT	NT	NT
Butane		NT	NT	NT	NT	Tetrahydrofuran		NT	NT	NT	NT
Cumene		NT	NT	NT	NT	Toluene		NT	NT	NT	NT
Cyclohexane		NT	NT	NT	NT	Xylenes		NT	NT	NT	NT
Dichloromethane		NT	NT	NT	NT						





CERTIFICATE #: AR83022 **REVISION #: AR83022.1**