

# Full Spectrum 20mg/ml

## Batch Specific Information

**Product Name** "20mg/ml Active Cannabinoid" Herbal Supplement  
**Product Description** Sublingual tincture, 2% active hemp extract infused in a mixture of organic hemp seed oil and MCT oil  
**Lot Number** 19P6317  
**Expiration Date** October 2021  
**Date of Production (Batch Date)** November 2019  
**Batch Size:** 1500 liters **Quantity Produced:** 1500 liters

## Raw Ingredients

Ingredient	Manufacturer	Lot Number
Virgin Hemp Seed Oil	Ananda Foods	7062019
MCT oil	Greenfield Global	BTB1903032
Ananda Extract (hemp extract)	Ecofibre Industries Operations	CKS-Lex18-07
Terpene Blend	Ecofibre Industries Operations	191115-terp

This product has been reviewed for potency with total cannabinoid concentration within +15% of targeted mg/ml and to contain less than 0.3% THC by an accredited third party laboratory. The product has been found to be negative for pesticide, residual solvents, and microbial contaminants by a third party laboratory. All products are manufactured in accordance with cGMP and FDA regulations 21CFR111

  
\_\_\_\_\_  
Jamie Paz - Quality Manager

  
\_\_\_\_\_  
Date



### *Farm to Pharmacy:*

Ananda Health's 100% Kentucky grown hemp is planted, harvested, and dried using existing Kentucky tobacco infrastructure and knowledge. Kentucky farmers are now making the switch to farming Hemp with the passing of the 2018 Farm Bill and Ananda Health is right beside them providing superior genetics and support.

### **Manufactured By:**

Ananda Health  
PO Box 648  
Cynthiana, KY 41031  
888-388-1119

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

### Certificate of Analysis

#### Ananda Health

1961 S. Edgewater Rd  
Cynthiana Kentucky 41031 United States

<b>Sample Name:</b>	<b>Ananda 600 19P6317</b>	<b>Eurofins Sample:</b>	<b>9023890</b>
<b>Project ID</b>	ANANDA_HEA-20191115-0015	<b>Receipt Date</b>	18-Nov-2019
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	19P6317	<b>Login Date</b>	15-Nov-2019
<b>Sample Serving Size</b>	1 mL	<b>Date Started</b>	20-Nov-2019
<b>Description</b>	Ananda 600 tincture	<b>Online Order</b>	15345-12914CDE

Analysis	Result
<b>Industrial Hemp Cannabinoid Profile</b>	
CBDVA	<0.00250 %
CBDV	0.00772 %
CBDA	0.00583 %
CBGA	<0.00250 %
CBG	0.0253 %
CBD	2.08 %
THCV	<0.00250 %
CBN	0.00560 %
Delta 9-THC	0.0689 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	0.0938 %
Total Cannabinoids	2.29 %
Total THC (THC + (THCA x 0.877))	0.0689 %
Total CBD (CBD + (CBDA x 0.877))	2.09 %
<b>Elements by ICP Mass Spectrometry</b>	
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb
<b>Regulated Mycotoxins in Raw Materials Using UHPLC-MS/MS</b>	
Aflatoxin B1	<0.300 ppb
Aflatoxin B2	<0.300 ppb
Aflatoxin G1	<0.300 ppb
Aflatoxin G2	<0.300 ppb

**Quality Approved**  
Dated: 12/5/19 Initials: DP

Method References	Testing Location
Elements by ICP Mass Spectrometry (ICP_MS_S)	Food Integrity Innovation-Madison

## Certificate of Analysis

### Ananda Health

1961 S. Edgewater Rd  
Cynthiana Kentucky 41031 United States

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#### Method References

#### Testing Location

##### Elements by ICP Mass Spectrometry (ICP\_MS\_S)

Food Integrity Innovation-Madison

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).  
Pequette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

##### Industrial Hemp Cannabinoid Profile (IHCB\_D\_S)

Food Integrity Innovation-Madison

Official Methods of Analysis, Method 2018.11, AOAC INTERNATIONAL, (Modified). Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

##### Regulated Mycotoxins in Raw Materials Using UHPLC-MS/MS (

Food Integrity Innovation-Madison

##### MYCO\_AFL\_S)

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

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#### Testing Location(s)

#### Released on Behalf of Eurofins by

##### Food Integrity Innovation-Madison

Edward Ladwig - Director

Eurofins Food Chemistry Testing US, Inc.  
3301 Kinsman Blvd  
Madison WI 53704  
800-675-8375



2918.01

These results apply to the sample as received and only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.

November 21, 2019

**ANANDA HEMP**  
1961 S. Edgewater Road  
Cynthiana, KY 41031

Order No. 509896  
Sample No. 1038789

## SAMPLE INFORMATION

**Description** Ananda 600  
**Lot Number** 19P6317  
**Category (Type)** Edible  
**Strain** hemp  
**Received** November 18, 2019

## ANALYTICAL RESULTS

**Analysis** Residual Solvent Screen ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** USP OVI<467>  
**Analysis Date** November 18, 2019 to November 21, 2019

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
1,2-Dichloroethane	0.40/1.00	ND	1.0	Pass
Acetone	17/75	ND	5000	Pass
Acetonitrile	1/6	ND	410	Pass
Benzene	0.40/1.00	ND	1.0	Pass
n-Butane	200/600	ND	5000	Pass
Chloroform	0.40/1.00	ND	1.0	Pass
Ethanol	22/100	ND	5000	Pass
Ethyl Acetate	9/40	ND	5000	Pass
Ethyl Ether	11/50	ND	5000	Pass
Ethylene Oxide	0.40/1.00	ND	1.0	Pass
n-Heptane	11/50	ND	5000	Pass
n-Hexane	1/5	ND	290	Pass
Isopropyl Alcohol	11/50	ND	5000	Pass
Methanol	6/25	ND	3000	Pass
Methylene Chloride	0.40/1.00	ND	1.0	Pass
n-Pentane	17/75	ND	5000	Pass
Propane	125/250	ND	5000	Pass
Toluene	3/15	ND	890	Pass
Total Xylenes	1/3	ND	2170	Pass
Trichloroethylene	0.40/1.00	ND	1.0	Pass

Reported by  
**Anresco, Inc.**




Kendall Williams  
Analyst

November 21, 2019

ND = None Detected  
<LOQ = Below Limit of Quantitation  
<LOD = Below Limit of Detection

**Quality Approved**  
Dated: 11/21/19 Initials: JP

If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

page 1 of 1

November 21, 2019

**ANANDA HEMP**  
1961 S. Edgewater Road  
Cynthiana, KY 41031

Order No. 509896  
Sample No. 1038789

## SAMPLE INFORMATION

**Description** Ananda 600  
**Lot Number** 19P6317  
**Category (Type)** Edible  
**Strain** hemp  
**Received** November 18, 2019

## ANALYTICAL RESULTS

**Analysis** Pesticide Residue Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF 21P030  
**Analysis Date** November 18, 2019 to November 21, 2019

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.04/0.10	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.04/0.10	ND	5.0	Pass
Aldicarb	0.04/0.10	ND	0.04	Pass
Azoxystrobin	0.04/0.10	ND	40.0	Pass
Bifenazate	0.04/0.10	ND	5.0	Pass
Bifenthrin	0.20/0.50	ND	0.5	Pass
Boscalid	0.04/0.10	ND	10.0	Pass
Captan	0.25/0.70	ND	5.0	Pass
Carbaryl	0.20/0.50	ND	0.5	Pass
Carbofuran	0.04/0.10	ND	0.04	Pass
Chlorantraniliprole	0.04/0.10	ND	40.0	Pass
Chlordane	0.04/0.10	ND	0.04	Pass
Chlorfenapyr	0.04/0.10	ND	0.04	Pass
Chlorpyrifos	0.04/0.10	ND	0.04	Pass
Clofentezine	0.04/0.10	ND	0.5	Pass
Coumaphos	0.04/0.10	ND	0.04	Pass
Cyfluthrin	0.70/2.00	ND	1.0	Pass
Cypermethrin	0.35/1.00	ND	1.0	Pass
Daminozide	0.04/0.10	ND	0.04	Pass
DDVP (Dichlorovous)	0.04/0.10	ND	0.04	Pass
Diazinon	0.04/0.10	ND	0.2	Pass
Dimethoate	0.04/0.10	ND	0.04	Pass
Dimethomorph	0.04/0.10	ND	20.0	Pass
Ethoprop(hos)	0.04/0.10	ND	0.04	Pass
Etofenprox	0.04/0.10	ND	0.04	Pass
Etoxazole	0.04/0.10	ND	1.5	Pass

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**Quality Approved**

page 1 of 2

Anresco Laboratories [www.anresco.com](http://www.anresco.com)  
1375 Van Dyke Ave., San Francisco, CA 94124

Dated: 11/19 Initials: JP

Tel: 415 822 1100  
Fax: 415 822 6615

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Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Fenhexamid	0.04/0.10	ND	10.0	Pass
Fenoxycarb	0.04/0.10	ND	0.04	Pass
Fenpyroximate	0.04/0.10	ND	2.0	Pass
Fipronil	0.04/0.10	ND	0.04	Pass
Flonicamid	0.04/0.10	ND	2.0	Pass
Fludioxanil	0.04/0.10	ND	30.0	Pass
Hexythiazox	0.04/0.10	ND	2.0	Pass
Imazalil	0.04/0.10	ND	0.04	Pass
Imidacloprid	0.04/0.10	ND	3.0	Pass
Kresoxim Methyl	0.04/0.10	ND	1.0	Pass
Malathion	0.20/0.50	ND	5.0	Pass
Metalaxyl	0.04/0.10	ND	15.0	Pass
Methiocarb	0.04/0.10	ND	0.04	Pass
Methomyl	0.04/1.00	ND	0.1	Pass
Methyl parathion	0.04/0.10	ND	0.04	Pass
Mevinphos	0.04/0.10	ND	0.04	Pass
Myclobutanil	0.04/0.10	ND	9.0	Pass
Naled	0.50/1.50	ND	0.5	Pass
Oxamyl	0.20/0.50	ND	0.2	Pass
Paclobutrazol	0.04/0.10	ND	0.04	Pass
Pentachloronitrobenzene	0.04/0.10	ND	0.2	Pass
Permethrins	0.20/0.50	ND	20.0	Pass
Phosmet	0.04/0.10	ND	0.2	Pass
Piperonyl Butoxide	0.04/0.10	<LOD (0.0222)	8.0	Pass
Prallethrin	0.50/1.50	ND	0.4	Pass
Propiconazole	0.04/0.10	ND	20.0	Pass
Propoxur	0.04/0.10	ND	0.04	Pass
Pyrethrins	0.20/0.50	ND	1.0	Pass
Pyridaben	0.04/0.10	ND	3.0	Pass
Spinetoram	0.04/0.10	ND	3.0	Pass
Spinosad	0.04/0.10	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.04/0.10	ND	13.0	Pass
Spiroxamine	0.04/0.10	ND	0.04	Pass
Tebuconazole	0.04/0.10	ND	2.0	Pass
Thiacloprid	0.04/0.10	ND	0.04	Pass
Thiamethoxam	0.35/1.00	ND	4.5	Pass
Trifloxystrobin	0.04/0.10	ND	30.0	Pass

Reported by  
**Anresco, Inc.**



Eric Tam  
 Senior Chemist

November 21, 2019

ND = None Detected  
 <LOQ = Below Limit of Quantitation  
 <LOD = Below Limit of Detection

**Quality Approved**  
 Dated: 11/21/19 Initials: JP

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page 2 of 2

November 25, 2019

**ANANDA HEMP**  
1961 S. Edgewater Road  
Cynthiana, KY 41031

Order No. 509896  
Sample No. 1038789

## SAMPLE INFORMATION



Description Ananda 600  
Lot Number 19P6317  
Category (Type) Edible  
Strain hemp  
Received November 18, 2019

## ANALYTICAL RESULTS

Analysis Date November 18, 2019 to November 25, 2019

Analysis	Method	Findings
Coliforms	FDA BAM - ECC Agar	<10
E. Coli	FDA BAM - ECC Agar	<10
Mold	FDA BAM	<10
Standard Plate Count	FDA BAM	<10
Yeast	FDA BAM	<10

Reported by  
**Anresco, Inc.**

  
  
Allen Zhu  
Analyst

**Quality Approved**  
Dated: 12/5/19 Initials: JP

November 25, 2019

**ANANDA HEMP**  
1961 S. Edgewater Road  
Cynthiana, KY 41031

Order No. 509896  
Sample No. 1038789

## SAMPLE INFORMATION


Description Ananda 600  
Lot Number 19P6317  
Category (Type) Edible  
Strain hemp  
Received November 18, 2019

## ANALYTICAL RESULTS

Analysis Date November 18, 2019 to November 25, 2019

Analysis	Method	Findings	Limit	Status
Salmonella	AOAC 2016.01	Negative/1g	-	Pass
Enterobacteriaceae	AOAC 2003.01	<10	-	Pass
Aspergillus	Aspergillus Agar	Negative/1g	-	Pass

Reported by  
**Anresco, Inc.**

  
  
Allen Zhu  
Analyst

**Quality Approved**  
Dated: 12/5/19 Initials: JP