

Full Spectrum 450

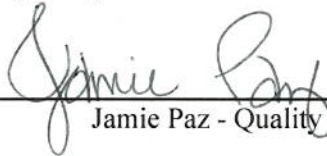
Batch Specific Information

Product Name 30 count Goftgels Herbal Supplement
Product Description Thirty 15mg active cannabinoids infused in hemp seed oil encased in a soft gelatin capsule
Lot Number 112811
Expiration Date February 2021
Date of Production (Batch Date) March 2019
Batch Size: 454,125 softgels **Quantity Produced:** 454,125 softgels

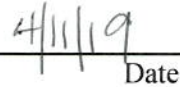
Raw Ingredients

Ingredient	Manufacturer	Lot Number
Organic, Virgin Hemp Seed Oil	Jedwards International	17-WINEPIO-01
Ananda Extract (hemp extract)	Ecofibre Industries Operations	BB-DFPeak18-01
Gelatin	Nutra Food Ingredients	N/A
Glycerin	Neeves Global Resources, LLC	N/A

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



Seed to health:

Ananda Hemp'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 Hemp is right beside them providing superior genetics and support.

Manufactured By:

Ananda Hemp
PO Box 648
Cynthiana, KY 41031
888-791-2511
hello@anandahemp.com
www.anandahemp.com

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.

Full Spectrum 900

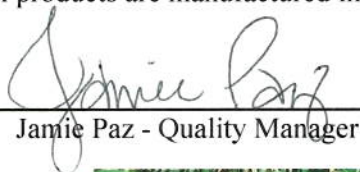
Batch Specific Information

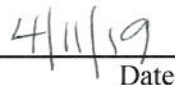
Product Name 60 count Goftgels Herbal Supplement
Product Description Sixty 15mg acive cannabinoids infused in hemp seed oil encased in a soft gelatin capsule
Lot Number 112811
Expiration Date February 2021
Date of Production (Batch Date) March 2019
Batch Size: 454,125 softgels **Quantity Produced:** 454,125 softgels

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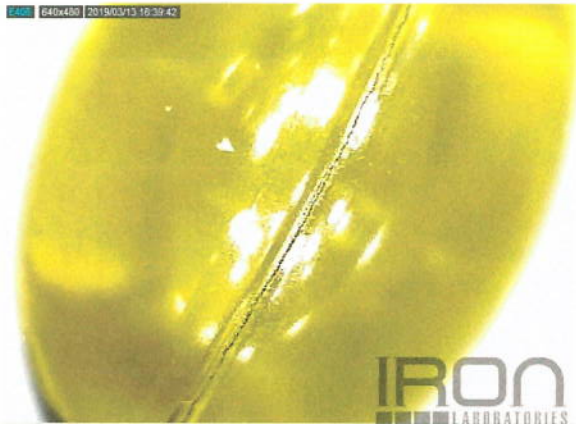
Testing Accreditation #: 77802

Test Certificate #: 115616-001

Client Name, Sample Details
Ananda
Cynthiana, KY 41031
Sample: 112811
Type: Concentrate
Method: FE04U HPLC1100-1

Test Conditions
Prepsheet ID#: MIP190314a
Scale: XS205-MI2
Temp: 23.8 °C
Baro PE: 965.5 hPa
Analyst: JRT
Technician: JRT

Sample ID#: 115616
Harvest/Process Date: 03/14/2019
Serving Size (g): 0.48
Date Received: 03/14/2019
Test Date: 03/14/2019
Valid Through: 03/14/2020



Test Compounds	THC	THCA	CBD	CBDA	CBN	CBG*	CBC*	THCV*	CBDV*	Total Cannabinoids*	Total THC	Total CBD	Calc Max Total Cannabinoids*
Amount (%)	0.2	N/D	3.4	0.0	N/D	0.1	0.2	0.0	0.1	4.1	0.2	3.5	4.1
Amount (mg/g)	2.0	N/D	34.4	0.4	N/D	1.3	2.2	0.4	0.7	41.4	2.0	34.8	41.4
Amount per Serving (mg)	1.0	N/D	16.5	0.2	N/D	0.6	1.1	0.2	0.3	* 19.9	Serving Size~ (g):		0.5
LOQ (mg/g)	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19		%Decarb.	THC	CBD
±%RPD	7.0	5.9	2.0	8.1	3.6	1.4	3.0	1.3	2.5			100%	99

1 serving = contents of 1 gel cap (5 provided)

LOQ = Limit of Quantitation; %RPD = Relative Percent Deviation; %RSD = Relative Standard Deviation; N/D = Not Detected

*Designates values that are not currently included in the accredited scope of Iron Laboratories Michigan.

*** Designates tests that use the method FE-45.

Total THC and CBD is the calculated sum of THC or CBD and the amount of THC or CBD derived from THCA or CBDA, respectively. These values are calculated by applying a molar correction factor of 0.877 to the THCA or the CBDA value. Calc Max Total Cannabinoids is the sum of Total THC, Total CBD, CBN, CBG, CBC, THCV, and CBDV.

%Decarb. THC and CBD refers to the percentage of THC or CBD relative to THCA or CBDA, respectively.

This certificate shall not be reproduced except in full, without written approval of Iron Laboratories, LLC.

Andrea C. Ruppel
Andrea C. Ruppel, Lab Manager



Mackenzie E. Hyman
Mackenzie E. Hyman, Quality Manager

Iron Laboratories, LLC is an ISO/IEC 17025:2005 Testing Laboratory laboratory, accredited by (PJLA) Perry Johnson Laboratory Accreditation, Certificate No. 77802

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

* Total Cannabinoids greater than 15mg/cap +15% ;
Quality Approved 4/11/19 JA

112811

 SAMPLE TYPE
Oil

 RECEIVED **02/14/19**
 REPORTED **02/18/19**

 CUSTOMER
 Ananda Hemp

 STEEP HILL ID
BK64745

TEST NAME

Pesticides

 METHOD NAME
 SOP-070

 STATE REGULATORY REQUIREMENTS
PASS

Pesticide	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Abamectin	ND	0.0108	0.036
Acephate	ND	0.0025	0.0082
Acequinocyl	ND	0.0113	0.038
Acetamiprid	ND	0.0024	0.0081
Aldicarb	ND	0.0025	0.0083
Azoxystrobin	ND	0.0025	0.0082
Bifenazate	ND	0.0024	0.0081
Bifenthrin	ND	0.0136	0.045
Boscalid	ND	0.0025	0.0082
Captan	ND	0.102	0.34
Carbaryl	ND	0.0025	0.0082
Carbofuran	ND	0.0025	0.0083
Chlorantraniliprole	ND	0.0024	0.0080
Chlordane	ND	0.0091	0.030
Chlorfenapyr	ND	0.0026	0.0085

ND - Not Detected
*LOD - Limit of Detection
 LOQ - Limit of Quantitation*

112811

TEST NAME Pesticides	METHOD NAME SOP-070	STATE REGULATORY REQUIREMENTS PASS
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Pesticide	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Chlorpyrifos	ND	0.0025	0.0082
Clofentezine	ND	0.0135	0.045
Coumaphos	ND	0.0025	0.0082
Cyfluthrin	ND	0.103	0.34
Cypermethrin	ND	0.118	0.39
Daminozide	ND	0.0138	0.046
Diazinon	ND	0.0025	0.0082
Dichlorvos	ND	0.0066	0.022
Dimethoate	ND	0.0025	0.0082
Dimethomorph	ND	0.00138	0.0046
Ethoprophos	ND	0.0024	0.0081
Etofenprox	ND	0.0113	0.038
Etoxazole	ND	0.0043	0.0142
Fenhexamid	ND	0.0024	0.0081
Fenoxycarb	ND	0.0024	0.0081
Fenpyroximate	ND	0.0025	0.0082
Fipronil	ND	0.0024	0.0081
Flonicamid	ND	0.0024	0.0081
Fludioxonil	ND	0.0025	0.0082
Hexythiazox	ND	0.0023	0.0076
Imazalil	ND	0.0136	0.045
Imidacloprid	ND	0.0023	0.0076
Kresoxim-methyl	ND	0.0023	0.0077
Malathion	ND	0.0023	0.0078
Metalaxyl	ND	0.0023	0.0077

ND - Not Detected

LOD - Limit of Detection
LOQ - Limit of Quantitation

112811

TEST NAME	METHOD NAME	STATE REGULATORY REQUIREMENTS
Pesticides	SOP-070	PASS

Pesticide	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Methiocarb	ND	0.0025	0.0082
Methomyl	ND	0.0023	0.0078
Methyl Parathion	ND	0.0026	0.0085
Mevinphos	ND	0.00129	0.0043
Myclobutanil	ND	0.0023	0.0077
Naled	ND	0.0023	0.0077
Oxamyl	ND	0.0023	0.0076
Paclobutrazol	ND	0.0024	0.0080
Pentachloronitrobenzene	ND	0.0143	0.047
Permethrin	ND	0.039	0.131
Phosmet	ND	0.0023	0.0077
Piperonyl Butoxide	ND	0.0023	0.0077
Prallethrin	ND	0.0127	0.042
Propiconazole	ND	0.0023	0.0078
Propoxur	ND	0.0024	0.0081
Pyrethrins	ND	0.032	0.105
Pyridaben	ND	0.0023	0.0077
Spinetoram	ND	0.0081	0.020
Spinosad	ND	0.0022	0.0075
Spiromesifen	ND	0.022	0.073
Spirotetramat	ND	0.0023	0.0076
Spiroxamine	ND	0.0066	0.022
Tebuconazole	ND	0.0023	0.0077
Thiacloprid	ND	0.0025	0.0082
Thiamethoxam	ND	0.0023	0.0077

ND - Not Detected

 LOD - Limit of Detection
 LOQ - Limit of Quantitation

112811

TEST NAME: **Pesticides** METHOD NAME: SOP-070 STATE REGULATORY REQUIREMENTS: **PASS**

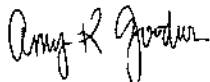
Pesticide	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
Trifloxystrobin	ND	0.0023	0.0077

ND - Not Detected

LOD - Limit of Detection
LOQ - Limit of Quantitation

Quality Approved
VJP 4/11/19

CERTIFICATION



AMY GOODWIN PH.D
LAB DIRECTOR

CERTIFICATE #: BK64745-10, BK64745-8, BK64745-9
REVISION: PSR-001 Rev. 3.

The above results relate only to the samples tested and for the specific tests conducted. Steep Hill grants permission to reproduce this document in full only.

112811

SAMPLE TYPE	RECEIVED	02/14/19	CUSTOMER
Oil	REPORTED	02/19/19	Ananda Hemp
STEEP HILL ID			
BK64745			

TEST NAME	METHOD NAME	STATE REGULATORY REQUIREMENTS
Residual Solvent Analysis	SOP-011	PASS

Solvent	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
1,2 Dichloroethane	ND	0.085	0.26
Acetone	ND	0.88	2.6
Acetonitrile	ND	1.81	5.4
Benzene	ND	0.034	0.103
n-Butane	ND	0.169	0.51
Chloroform	ND	0.080	0.24
Ethanol	ND	3.1	9.4
Ethyl Acetate	ND	3.1	9.4
Ethyl Ether	ND	0.87	2.6
Ethylene Oxide	ND	0.021	0.062
n-Heptane	ND	0.87	2.6
n-Hexane	ND	0.39	1.16
Isopropanol	ND	3.1	9.4
Methanol	ND	1.13	3.4
Methylene Chloride	ND	0.81	2.4

ND - Not Detected

 LOD - Limit of Detection
 LOQ - Limit of Quantitation

112811

TEST NAME
Residual Solvent Analysis

METHOD NAME
SOP-011

STATE REGULATORY REQUIREMENTS
PASS

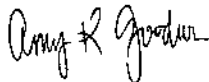
Solvent	ppm (µg/g)	LOD ppm (µg/g)	LOQ ppm (µg/g)
n-Pentane	ND	3.1	9.4
Propane	ND	0.067	0.20
Toluene	ND	0.33	1.00
Total Xylenes	ND	1.62	4.9
Trichloroethylene	ND	0.109	0.33

ND - Not Detected

LOD - Limit of Detection
LOQ - Limit of Quantitation

Quality Approved
✓ 4/11/19 JP

CERTIFICATION



CERTIFICATE #: BK64746-2
REVISION: RSR-001 Rev. 5.

AMY GOODWIN PH.D.
LAB DIRECTOR

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March 20, 2019

ANANDA HEMP
1961 S. Edgewater Road
Cynthiana, KY 41031

Anresco No. 320190198.2

Sample information

Product Edible samples (strain name: hemp):
Gelcaps
Lot No. 112811 (soft gel)

Sampling Received Received from Client.
March 13, 2019

Analytical Results

Methods FDA BAM - SPC, Coliforms/E. coli, Yeast/Mold
AOAC 2013.01 - Salmonella
AOAC 2003.01 - Enterobacteriaceae

Analysis Date March 13, 2019 to March 20, 2019

Analyses

Results

Standard Plate Count cfu/g	<100
Coliforms cfu/g	<10
E. coli cfu/g	<10
Yeast cfu/g	<10
Mold cfu/g	<10
Enterobacteriaceae cfu/g	<10
Salmonella/25g	Negative

Reported by
Anresco, Inc.

Laila Lam
Laila Lam
Microbiologist



Quality Approved
✓ 4/11/19 JP

Allen Zhu
Allen Zhu
Analyst



112811

SAMPLE TYPE
Oil

RECEIVED **02/14/19**
REPORTED **02/16/19**

CUSTOMER
Ananda Hemp

STEEP HILL ID
BK64745

TEST NAME

Mycotoxins

METHOD NAME
SOP-002

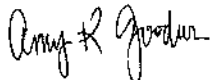
STATE REGULATORY REQUIREMENTS
PASS

Mycotoxin	ppb (µg/kg)	LOD ppb (µg/kg)	LOQ ppb (µg/kg)
Ochratoxin A	ND	4.5	14.9
Total Aflatoxins	ND	4.7	15.5

ND - Not Detected *LOD - Limit of Detection*
LOQ - Limit of Quantitation

Quality Approved
✓ 4/11/19 OP

CERTIFICATION



AMY GOODWIN PH.D.
LAB DIRECTOR

CERTIFICATE #: BK64745-11
REVISION: MYC-001 Rev. 2

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112811

SAMPLE TYPE
Oil

RECEIVED **02/14/19**
REPORTED **03/01/19**

CUSTOMER
Ananda Hemp

STEEP HILL ID
BK64745

TEST NAME

Heavy Metals

METHOD NAME
SOP-021

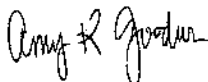
Heavy Metal	ppm ($\mu\text{g/g}$)	LOD ppm ($\mu\text{g/g}$)	LOQ ppm ($\mu\text{g/g}$)
Arsenic	ND	0.00153	0.0046
Cadmium	ND	0.0035	0.0106
Lead	ND	0.059	0.179
Mercury	ND	0.053	0.162

ND - Not Detected

LOD - Limit of Detection
LOQ - Limit of Quantitation

Quality Approved
✓ 4/11/19 OP

CERTIFICATION



AMY GOODWIN PH.D
LAB DIRECTOR

CERTIFICATE #: BK64745-18
REVISION: HMA-001 Rev. 2.

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