

Broad Spectrum 600

Batch Specific Information

Product Name THC-free "600mg Active Cannabinoid" Herbal Supplement
Product Description 30ml sublingual tincture, 2% active hemp extract infused in a mixture of organic hemp seed oil and MCT oil
Lot Number 19P7296
Expiration Date September 2020
Date of Production (Batch Date) October 2019
Batch Size: 360 liters **Quantity Produced:** 360 liters

Raw Ingredients

Ingredient	Manufacturer	Lot Number
Hemp Seed Oil, Cold Pressed	Ananda Foods	AF190607
Fractionated Coconut Oil (MCT)	Greenfield Global	BTB1903033
Ananda Extract (hemp extract)	Ecofibre Kentucky	CBD1905-02/CBD1905-03
Terpene Blend	Ecofibre Kentucky	191022-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

11/13/19
Date



Seed to health:

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
833-791-2511

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

Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	Result
Industrial Hemp Cannabinoid Profile	
CBDVA	<0.00250 %
CBDV	0.00675 %
CBDA	<0.00250 %
CBGA	<0.00250 %
CBG	0.0364 %
CBD	2.23 %
THCV	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	<0.00250 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	<0.00250 %
Total Cannabinoids	2.27 %
Elements by ICP Mass Spectrometry	
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb
Regulated Mycotoxins in Raw Materials Using UHPLC-MS/MS	
Aflatoxin B1	<0.300 ppb
Multi-Residue Analysis for hemp products - 500+ compounds	
Matrix Type - To Determine Limit of Quantification (LOQ)	Hemp Oils
Abamectin	<0.10 mg/kg
Acephate	<0.05 mg/kg
Acetamiprid	<0.05 mg/kg
Acetochlor	<0.05 mg/kg
Acibenzolar-S-methyl	<0.05 mg/kg
Aclonifen	<0.05 mg/kg
Acrinathrin	<0.10 mg/kg
Alachlor	<0.05 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Aldrin	<0.05 mg/kg

Total Cannabinoids = 21.34 mg/ml
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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Allethrin	<0.05 mg/kg
Ametryn	<0.05 mg/kg
Amidosulfuron	non-analyzable
Aminocarb	<0.05 mg/kg
Amitraz metabolite DMF	<0.05 mg/kg
Amitraz metabolite DMPF	non-analyzable
Anilofos	<0.05 mg/kg
Atrazine	<0.05 mg/kg
Azaconazole	<0.05 mg/kg
Azamethiphos	<0.05 mg/kg
Azinphos-ethyl	<0.05 mg/kg
Azinphos-methyl	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Beflubutamid	<0.05 mg/kg
Benalaxyl	<0.05 mg/kg
Bendiocarb	<0.05 mg/kg
Benfluralin	<0.05 mg/kg
Benoxacor	<0.05 mg/kg
Benzoximate	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenox	<0.05 mg/kg
Bifenthrin	<0.05 mg/kg
Bispyribac	non-analyzable
Bitertanol	<0.05 mg/kg
Bixafen	<0.05 mg/kg
Boscalid	<0.05 mg/kg
Bromacil	<0.05 mg/kg
Bromophos-ethyl	<0.05 mg/kg
Bromophos-methyl	<0.05 mg/kg
Bromopropylate	<0.05 mg/kg
Bromuconazole (2 diastereoisomers)	<0.05 mg/kg
Bupirimate	<0.05 mg/kg
Buprofezin	<0.05 mg/kg
Butachlor	<0.05 mg/kg
Butafenacil	<0.05 mg/kg

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Lot Number	19P7296	Login Date	24-Oct-2019
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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Butocarboxim	<0.05 mg/kg
Butocarboxim sulfoxide	<0.05 mg/kg
Butoxycarboxim	<0.05 mg/kg
Butylate	<0.05 mg/kg
Cadusafos	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbendazim	<0.05 mg/kg
Carbetamide	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Carbophenothion	<0.05 mg/kg
Carboxin	<0.05 mg/kg
Carfentrazone-ethyl	<0.05 mg/kg
Chlorantraniliprole	<0.05 mg/kg
Chlorbromuron	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg
Chlordimeform	non-analyzable
Chlorfenapyr	<0.05 mg/kg
Chlorfenvinphos (E- and Z-isomers)	<0.05 mg/kg
Chloridazon (Pyrazon)	<0.05 mg/kg
Chlorimuron-ethyl (Classic)	non-analyzable
Chlorobenzilate	<0.05 mg/kg
Chlorotoluron (Chlortoluron)	<0.05 mg/kg
Chloroxuron	<0.05 mg/kg
Chlorpropham (CIPC)	<0.05 mg/kg
Chlorpyrifos	<0.05 mg/kg
Chlorpyrifos-methyl	<0.05 mg/kg
Chlorsulfuron	non-analyzable
Clethodim (E- and Z-isomers)	non-analyzable
Clodinafop-propargyl	<0.05 mg/kg
Clofentezine	<0.05 mg/kg
Clomazone	<0.05 mg/kg
Cloquintocet-mexyl	<0.05 mg/kg
Clothianidin	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Coumaphos	<0.05 mg/kg
Cyanazine	<0.05 mg/kg
Cyanofenphos	<0.05 mg/kg
Cyazofamid	<0.05 mg/kg
Cycloate	<0.05 mg/kg
Cycloxydim	non-analyzable
Cycluron	<0.05 mg/kg
Cyflufenamid	<0.05 mg/kg
Cyfluthrin	<0.05 mg/kg
Cymiazole	<0.05 mg/kg
Cymoxanil	<0.05 mg/kg
Cypermethrin	<0.05 mg/kg
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg
Cyprodinil	<0.05 mg/kg
Cyromazine	non-analyzable
Dacthal (Chlorthal-dimethyl, DCPA)	<0.05 mg/kg
DDD, o,p'-	<0.05 mg/kg
DDD, p,p'-	<0.05 mg/kg
DDE, o,p'-	<0.05 mg/kg
DDE, p,p'-	<0.05 mg/kg
DDT, o,p'-	<0.05 mg/kg
DDT, p,p'-	<0.05 mg/kg
DEET (Diethyltoluamide)	<0.05 mg/kg
Deltamethrin	<0.05 mg/kg
Demeton-O	<0.05 mg/kg
Demeton-S	<0.05 mg/kg
Demeton-S-methyl	<0.05 mg/kg
Demeton-S-methyl sulfone	<0.05 mg/kg
Desmedipham	<0.05 mg/kg
Dialifos (Dialifor)	<0.05 mg/kg
Diazinon	<0.05 mg/kg
Diazinon oxon	<0.05 mg/kg
Dichlobenil	<0.05 mg/kg
Dichlofenthion	<0.05 mg/kg
Dichlofluanid	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Dichlorvos	<0.05 mg/kg
Diclobutrazol	<0.05 mg/kg
Diclocymet (2 diastereoisomers)	<0.05 mg/kg
Dicloran (DCNA)	<0.05 mg/kg
Dicrotophos	<0.05 mg/kg
Dieldrin	<0.05 mg/kg
Diethofencarb	<0.05 mg/kg
Difenoconazole (cis- and trans-)	<0.05 mg/kg
Diflubenzuron	<0.05 mg/kg
Diflufenican	<0.05 mg/kg
Dimethachlor	<0.05 mg/kg
Dimethametryn	<0.05 mg/kg
Dimethenamid	<0.05 mg/kg
Dimethoate	<0.05 mg/kg
Dimethomorph (E- and Z-isomers)	<0.05 mg/kg
Dimetilan	<0.05 mg/kg
Dimoxystrobin	<0.05 mg/kg
Diniconazole	<0.05 mg/kg
Dinitramine	<0.05 mg/kg
Dinotefuran	<0.05 mg/kg
Dioxacarb	<0.05 mg/kg
Diphenamid	<0.05 mg/kg
Diphenylamine	<0.05 mg/kg
Dipropetryn	<0.05 mg/kg
Disulfoton	<0.05 mg/kg
Disulfoton sulfone	<0.05 mg/kg
Disulfoton sulfoxide	<0.05 mg/kg
DMST (Dimethylaminosulfotoluidide)	<0.05 mg/kg
Dodemorph (cis- and trans-)	non-analyzable
Dodine	non-analyzable
Emamectin benzoate	non-analyzable
Endosulfan I (alpha-isomer)	<0.05 mg/kg
Endosulfan II (beta-isomer)	<0.05 mg/kg
Endosulfan sulfate	<0.05 mg/kg
EPN	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Epoxiconazole	<0.05 mg/kg
Ethaboxam	<0.05 mg/kg
Ethalfluralin	<0.05 mg/kg
Ethidimuron (Sulfadiazole)	<0.05 mg/kg
Ethiofencarb	<0.05 mg/kg
Ethiofencarb sulfone	<0.05 mg/kg
Ethiofencarb sulfoxide	<0.05 mg/kg
Ethion	<0.05 mg/kg
Ethiprole	<0.05 mg/kg
Ethirimol	<0.05 mg/kg
Ethofumesate	<0.05 mg/kg
Ethoprophos (Ethoprop)	<0.05 mg/kg
Etofenprox	<0.05 mg/kg
Etoxazole	<0.05 mg/kg
Etrimfos	<0.05 mg/kg
Famoxadone	<0.05 mg/kg
Fenamidone	<0.05 mg/kg
Fenamiphos	<0.05 mg/kg
Fenamiphos sulfone	<0.05 mg/kg
Fenamiphos sulfoxide	<0.05 mg/kg
Fenarimol	<0.05 mg/kg
Fenazaquin	<0.05 mg/kg
Fenbuconazole	<0.05 mg/kg
Fenbutatin oxide	non-analyzable
Fenchlorphos (Ronnell)	<0.05 mg/kg
Fenchlorphos oxon	<0.05 mg/kg
Fenhexamid	<1.0 mg/kg
Fenitrothion	<0.05 mg/kg
Fenobucarb	<0.05 mg/kg
Fenoxanil (sum of isomers)	<0.05 mg/kg
Fenoxycarb	<0.05 mg/kg
Fenpropathrin	<0.05 mg/kg
Fenpropidin	non-analyzable
Fenpropimorph	non-analyzable
Fenpyroximate	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Fensulfothion	<0.05 mg/kg
Fensulfothion oxon	<0.05 mg/kg
Fensulfothion oxon sulfone	<0.05 mg/kg
Fensulfothion sulfone	<0.05 mg/kg
Fenthion	<0.05 mg/kg
Fenthion oxon	<0.05 mg/kg
Fenthion oxon sulfone	<0.05 mg/kg
Fenthion oxon sulfoxide	<0.05 mg/kg
Fenthion sulfone	<0.05 mg/kg
Fenthion sulfoxide	<0.05 mg/kg
Fentin	non-analyzable
Fentrazamide	<0.05 mg/kg
Fenuron	<0.05 mg/kg
Fenvalerate/Esfenvalerate (sum of isomers)	<0.05 mg/kg
Fipronil	<0.05 mg/kg
Fipronil desulfinyl	<0.05 mg/kg
Fipronil sulfone	<0.05 mg/kg
Flazasulfuron	non-analyzable
Flonicamid	<0.05 mg/kg
Fluazifop-butyl	<0.05 mg/kg
Flucythrinate (sum of isomers)	<0.05 mg/kg
Fludioxonil	<0.05 mg/kg
Flufenacet	<0.05 mg/kg
Flufenoxuron	<0.05 mg/kg
Flumetsulam	non-analyzable
Flumioxazin	<0.05 mg/kg
Fluometuron	<0.05 mg/kg
Fluopicolide	<0.05 mg/kg
Fluopyram	<0.05 mg/kg
Fluoxastrobin	<0.05 mg/kg
Fluquinconazole	<0.05 mg/kg
Fluridone	<0.05 mg/kg
Flusilazole	<0.05 mg/kg
Flutolanil	<0.05 mg/kg
Flutriafol	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Fluvalinate tau- (sum of isomers)	<0.05 mg/kg
Fonofos	<0.05 mg/kg
Foramsulfuron	non-analyzable
Forchlorfenuron	<0.05 mg/kg
Formetanate hydrochloride	non-analyzable
Formothion	<0.05 mg/kg
Fosthiazate (sum of isomers)	<0.05 mg/kg
Fuberidazole	<0.05 mg/kg
Furalaxyl	<0.05 mg/kg
Furathiocarb	<0.05 mg/kg
Griseofulvin	<0.05 mg/kg
Halofenozide	<0.05 mg/kg
Halosulfuron-methyl	non-analyzable
Haloxyfop-methyl	<0.05 mg/kg
HCH, alpha- (alpha-BHC)	<0.05 mg/kg
HCH, beta- (beta-BHC)	<0.05 mg/kg
HCH, delta- (delta-BHC)	<0.05 mg/kg
Heptachlor	<0.05 mg/kg
Heptachlor endo-epoxide	<0.10 mg/kg
Heptachlor exo-epoxide	<0.05 mg/kg
Hexachlorobenzene (HCB)	<0.05 mg/kg
Hexaconazole	<0.05 mg/kg
Hexaflumuron	<0.05 mg/kg
Hexazinone	<0.05 mg/kg
Hexythiazox	<0.05 mg/kg
Hydramethylnon	non-analyzable
Hydroprene, S- (sum of isomers)	<0.05 mg/kg
Imazalil	<0.05 mg/kg
Imazamethabenz-methyl	<0.05 mg/kg
Imazethapyr	non-analyzable
Imidacloprid	<0.05 mg/kg
Indoxacarb	<0.05 mg/kg
Ipconazole	<0.05 mg/kg
Iprovalicarb	<0.05 mg/kg
Isocarbamid	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Isocarbophos	<0.05 mg/kg
Isofenphos	<0.05 mg/kg
Isofenphos-methyl	<0.05 mg/kg
Isoprocab	<0.05 mg/kg
Isoprothiolane	<0.05 mg/kg
Isoproturon	<0.05 mg/kg
Isoxaben	<0.05 mg/kg
Isoxadifen-ethyl	<0.05 mg/kg
Isoxaflutole	<0.05 mg/kg
Isoxathion	<0.05 mg/kg
Kresoxim-methyl	<0.05 mg/kg
Lactofen	<0.05 mg/kg
Lenacil	<0.05 mg/kg
Lindane (gamma-HCH, gamma-BHC)	<0.05 mg/kg
Linuron	<0.05 mg/kg
Lufenuron	<0.05 mg/kg
Malaoxon	<0.05 mg/kg
Malathion	<0.05 mg/kg
Mandipropamid	<0.05 mg/kg
Mecarbam	<0.05 mg/kg
Mepanipyrim	<0.05 mg/kg
Mepanipyrim-2-hydroxypropyl	<0.05 mg/kg
Mephosfolan	<0.05 mg/kg
Mesosulfuron-methyl	non-analyzable
Metaflumizone	<0.05 mg/kg
Metalaxyl	<0.05 mg/kg
Metamitron	<0.05 mg/kg
Metazachlor	<0.05 mg/kg
Metconazole	<0.05 mg/kg
Methabenzthiazuron	<0.05 mg/kg
Methacrifos	<0.05 mg/kg
Methamidophos	<0.05 mg/kg
Methidathion	<0.05 mg/kg
Methiocarb	<0.05 mg/kg
Methiocarb sulfone	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Methiocarb sulfoxide	<0.05 mg/kg
Methomyl	<0.05 mg/kg
Methoprotryne	<0.05 mg/kg
Methoxychlor	<0.10 mg/kg
Methoxyfenozide	<0.05 mg/kg
Metobromuron	<0.05 mg/kg
Metolachlor	<0.05 mg/kg
Metolcarb	<0.05 mg/kg
Metosulam	non-analyzable
Metoxuron	<0.05 mg/kg
Metrafenone	<0.05 mg/kg
Metribuzin	<0.05 mg/kg
Metsulfuron-methyl	non-analyzable
Mevinphos (E- and Z-isomers)	<0.05 mg/kg
Mexacarbate	<0.05 mg/kg
MGK 264 (sum of isomers)	<0.05 mg/kg
Mirex	<0.05 mg/kg
Molinate	<0.05 mg/kg
Monocrotophos	<0.05 mg/kg
Monolinuron	<0.05 mg/kg
Myclobutanil	<0.05 mg/kg
Naled (Dibrom)	<0.05 mg/kg
Naphthol, 1-	non-analyzable
Napropamide	<0.05 mg/kg
Neburon	<0.05 mg/kg
Nicosulfuron	non-analyzable
Nitenpyram	<0.05 mg/kg
Nitrofen	<0.05 mg/kg
Nonachlor, cis-	<0.05 mg/kg
Nonachlor, trans-	<0.05 mg/kg
Norflurazon	<0.05 mg/kg
Norflurazon-desmethyl	<0.05 mg/kg
Novaluron	<0.05 mg/kg
Nuarimol	<0.05 mg/kg
Ofurace	<0.05 mg/kg

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Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Omethoate	<0.05 mg/kg
Oxadiazon	<0.05 mg/kg
Oxadixyl	<0.05 mg/kg
Oxamyl	<0.05 mg/kg
Oxamyl oxime	<0.05 mg/kg
Oxasulfuron	non-analyzable
Oxycarboxin	<0.05 mg/kg
Oxychlorane	<0.05 mg/kg
Oxydemeton-methyl	<0.05 mg/kg
Oxyfluorfen	<0.05 mg/kg
Paclobutrazol	<0.05 mg/kg
Paraoxon	<0.05 mg/kg
Paraoxon-methyl	<0.05 mg/kg
Parathion	<0.05 mg/kg
Parathion-methyl	<0.05 mg/kg
Penconazole	<0.05 mg/kg
Pencycuron	<0.05 mg/kg
Pendimethalin	<0.05 mg/kg
Pentachloroaniline	<0.05 mg/kg
Pentachloroanisole	<0.05 mg/kg
Pentachlorobenzene	<0.05 mg/kg
Pentachlorobenzonitrile	<0.05 mg/kg
Pentachlorothioanisole	<0.05 mg/kg
Permethrin (sum of isomers)	<0.05 mg/kg
Perthane (Ethylan)	<0.05 mg/kg
Phenmedipham	<0.05 mg/kg
Phenthoate	<0.05 mg/kg
Phenylphenol, 2- (OPP)	non-analyzable
Phorate	<0.05 mg/kg
Phorate sulfone	<0.05 mg/kg
Phorate sulfoxide	<0.05 mg/kg
Phosalone	<0.05 mg/kg
Phosmet	<0.05 mg/kg
Phosmet oxon	<0.05 mg/kg
Phosphamidon (E- and Z-isomers)	<0.05 mg/kg

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Certificate of Analysis

Ananda Health

1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Phoxim	<0.05 mg/kg
Picolinafen	<0.05 mg/kg
Picoxystrobin	<0.05 mg/kg
Piperonyl butoxide	<0.05 mg/kg
Piperophos	<0.05 mg/kg
Pirimicarb	<0.05 mg/kg
Pirimicarb-desmethyl	<0.05 mg/kg
Pirimiphos-ethyl	<0.05 mg/kg
Pirimiphos-methyl	<0.05 mg/kg
Pirimiphos-methyl, N-desethyl-	<0.05 mg/kg
Prallethrin	<0.10 mg/kg
Pretilachlor	<0.05 mg/kg
Primisulfuron-methyl	non-analyzable
Prochloraz	<0.05 mg/kg
Procymidone	<0.05 mg/kg
Prodiamine	<0.05 mg/kg
Profenofos	<0.05 mg/kg
Profluralin	<0.05 mg/kg
Promecarb	<0.05 mg/kg
Prometon	<0.05 mg/kg
Prometryn	<0.05 mg/kg
Propamocarb	non-analyzable
Propanil	<0.05 mg/kg
Propaquizafop	<0.05 mg/kg
Propargite	<0.05 mg/kg
Propetamphos	<0.05 mg/kg
Propham	<0.05 mg/kg
Propiconazole (sum of isomers)	<0.05 mg/kg
Propoxur	<0.05 mg/kg
Propyzamide (Pronamide)	<0.05 mg/kg
Proquinazid	non-analyzable
Prosulfocarb	<0.05 mg/kg
Prothioconazole-desthio	<0.05 mg/kg
Prothiofos	<0.05 mg/kg
Pymetrozine	<0.05 mg/kg

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1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Pyracarbolid	<0.05 mg/kg
Pyraclostrobin	<0.05 mg/kg
Pyraflufen-ethyl	<0.05 mg/kg
Pyrazophos	<0.05 mg/kg
Pyrethrum (total)	<0.50 mg/kg
Pyridaben	<0.05 mg/kg
Pyridalyl	non-analyzable
Pyridaphenthion	<0.05 mg/kg
Pyridate	non-analyzable
Pyrifenox (E- and Z-isomers)	<0.05 mg/kg
Pyrimethanil	<0.05 mg/kg
Pyriproxyfen	<0.05 mg/kg
Pyroquilon	<0.05 mg/kg
Pyroxsulam	non-analyzable
Quinalphos	<0.05 mg/kg
Quinmerac	non-analyzable
Quinoclamine	<0.05 mg/kg
Quinoxifen	<0.05 mg/kg
Quintozene	<0.05 mg/kg
Quizalofop-ethyl	<0.05 mg/kg
Resmethrin (sum of isomers)	non-analyzable
Rimsulfuron	non-analyzable
Rotenone	<0.05 mg/kg
S421	<0.05 mg/kg
Schradan (Octamethylpyrophosphoramidate)	<0.05 mg/kg
Secbumeton	<0.05 mg/kg
Sethoxydim (E- and Z-isomers)	non-analyzable
Siduron	<0.05 mg/kg
Silthiofam	<0.05 mg/kg
Simazine	<0.05 mg/kg
Simeconazole	<0.05 mg/kg
Simetryn	<0.05 mg/kg
Spinetoram (spinosyns J and L)	<0.05 mg/kg
Spinosad (spinosyns A and D)	<0.05 mg/kg
Spirodiclofen	<0.05 mg/kg

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Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Spiromesifen	<0.05 mg/kg
Spiromesifen enol	non-analyzable
Spirotetramat	<0.05 mg/kg
Spiroxamine (2 diastereoisomers)	<0.05 mg/kg
Sulfallate	<0.05 mg/kg
Sulfentrazone	non-analyzable
Sulprofos	<0.05 mg/kg
Tebuconazole	<0.05 mg/kg
Tebufenozide	<0.05 mg/kg
Tebufenpyrad	<0.05 mg/kg
Tebupirimfos	<0.05 mg/kg
Tebuthiuron	<0.05 mg/kg
Tecnazene	<0.05 mg/kg
Teflubenzuron	<0.10 mg/kg
Tefluthrin	<0.05 mg/kg
Temephos	<0.05 mg/kg
Tepraloxydim (E- and Z-isomers)	non-analyzable
Terbacil	<0.05 mg/kg
Terbufos	<0.05 mg/kg
Terbufos sulfone	<0.05 mg/kg
Terbufos sulfoxide	<0.05 mg/kg
Terbumeton	<0.05 mg/kg
Terbutylazine	<0.05 mg/kg
Terbutryn	<0.05 mg/kg
Tetrachloroaniline, 2,3,5,6-	<0.05 mg/kg
Tetrachloroanisole, 2,3,4,5-	<0.05 mg/kg
Tetrachlorvinphos	<0.05 mg/kg
Tetraconazole	<0.05 mg/kg
Tetradifon	<0.05 mg/kg
Thiabendazole	<0.05 mg/kg
Thiabendazole-5-hydroxy-	<0.05 mg/kg
Thiacloprid	<0.05 mg/kg
Thiamethoxam	<0.05 mg/kg
Thiazopyr	<0.05 mg/kg
Thidiazuron	non-analyzable

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Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Thifensulfuron-methyl	non-analyzable
Thiobencarb (Benthiocarb)	<0.10 mg/kg
Thiodicarb	<0.05 mg/kg
Thiofanox	<0.05 mg/kg
Thiofanox sulfone	<0.05 mg/kg
Thiofanox sulfoxide	<0.05 mg/kg
Thionazin (Zinophos)	<0.05 mg/kg
Thiophanate-methyl	<0.05 mg/kg
Tolclofos-methyl	<0.05 mg/kg
Tolfenpyrad	<0.05 mg/kg
Tolylfluand	<0.05 mg/kg
Tralkoxydim	non-analyzable
Triadimefon	<0.05 mg/kg
Triadimenol	<0.05 mg/kg
Triasulfuron	non-analyzable
Triazophos	<0.05 mg/kg
Tribenuron-methyl	non-analyzable
Tribufos (DEF)	<0.10 mg/kg
Trichlorfon (Metrifonate)	<0.05 mg/kg
Trichloroanisole, 2,4,6-	<0.05 mg/kg
Tricyclazole	<0.05 mg/kg
Trietazine	<0.05 mg/kg
Trifloxystrobin	<0.05 mg/kg
Trifloxysulfuron	non-analyzable
Triflumizole	<0.05 mg/kg
Triflumuron	<0.05 mg/kg
Trifluralin	<0.05 mg/kg
Triforine	<0.05 mg/kg
Trimethacarb	<0.05 mg/kg
Triticonazole	<0.05 mg/kg
Uniconazole	<0.05 mg/kg
Vamidothion	<0.05 mg/kg
Vinclozolin	<0.05 mg/kg
Zoxamide	<0.05 mg/kg

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Analysis	LOQ	Limit	Result	Pass/Fail
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1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	LOQ	Limit	Result	Pass/Fail
Residual Solvents - Class 1, 2a, 2b and 3 *				
1,1,1-Trichloroethane	10 ppm	10 ppm	<10 ppm	Pass
1,1-Dichloroethene	8 ppm	8 ppm	<8 ppm	Pass
1,2-Dichloroethane	5 ppm	5 ppm	<5 ppm	Pass
Benzene	2 ppm	2 ppm	<2 ppm	Pass
Carbon Tetrachloride	4 ppm	4 ppm	<4 ppm	Pass
1,2-Dimethoxyethane	100 ppm	100 ppm	<100 ppm	Pass
1,4-Dioxane	380 ppm	380 ppm	<380 ppm	Pass
Acetonitrile	410 ppm	410 ppm	<410 ppm	Pass
Chlorobenzene	360 ppm	360 ppm	<360 ppm	Pass
Chloroform	60 ppm	60 ppm	<60 ppm	Pass
1,2-Dichloroethene	1870 ppm	1870 ppm	<1870 ppm	Pass
Cumene	70 ppm	70 ppm	<70.0 ppm	Pass
Cyclohexane	3880 ppm	3880 ppm	<3880 ppm	Pass
Methanol	3000 ppm	3000 ppm	<3000 ppm	Pass
Methylbutylketone	50 ppm	50 ppm	<50 ppm	Pass
Methylcyclohexane	1180 ppm	1180 ppm	<1180 ppm	Pass
Methylene Chloride	600 ppm	600 ppm	<600 ppm	Pass
n-Hexane	290 ppm	290 ppm	<290 ppm	Pass
Nitromethane	50 ppm	50 ppm	<50 ppm	Pass
Pyridine	200 ppm	200 ppm	<200 ppm	Pass
Tetrahydrofuran	720 ppm	720 ppm	<720 ppm	Pass
Tetralin	96 ppm	96 ppm	<96.0 ppm	Pass
Toluene	890 ppm	890 ppm	<890 ppm	Pass
Trichloroethylene	80 ppm	80 ppm	<80 ppm	Pass
Xylenes(O,M,P + EB)	2170 ppm	2170 ppm	<2170 ppm	Pass
1-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Pentanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
2-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
Methylethylketone	200 ppm	5000 ppm	<200 ppm	Pass
3-Methyl-1-butanol	200 ppm	5000 ppm	<200 ppm	Pass

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1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Sample Name:	AH 600zt	Eurofins Sample:	8952513
Project ID	ANANDA_HEA-20191024-0004	Receipt Date	24-Oct-2019
PO Number	cvd	Receipt Condition	Ambient temperature
Lot Number	19P7296	Login Date	24-Oct-2019
Sample Serving Size		Date Started	24-Oct-2019

Analysis	LOQ	Limit	Result	Pass/Fail
Residual Solvents - Class 1, 2a, 2b and 3 *				
Acetic Acid Butyl Ester	200 ppm	5000 ppm	<200 ppm	Pass
Acetone	200 ppm	5000 ppm	<200 ppm	Pass
Anisole	200 ppm	5000 ppm	<200 ppm	Pass
Diethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
Ethanol	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Formate	500 ppm	5000 ppm	<500 ppm	Pass
2-Methyl-1-propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isobutyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
2-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isopropyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methylisobutylketone	200 ppm	5000 ppm	<200 ppm	Pass
tert-Butylmethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
n-Heptane	200 ppm	5000 ppm	<200 ppm	Pass
n-Pentane	200 ppm	5000 ppm	<200 ppm	Pass
Propyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Total Class 3 Residual Solvents	5000 ppm	5000 ppm	<5000 ppm	Pass

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).

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1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Boulder

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

Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP)

Food Integ. Innovation-Greenfield

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Regulated Mycotoxins in Raw Materials Using UHPLC-MS/MS (MYCO_AFL_S)

Food Integrity Innovation-Madison

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).

Residual Solvents - Class 1, 2a, 2b and 3 (USPR_S)

Food Integrity Innovation-Madison

United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015). (Modified).

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1961 S. Edgewater Rd
Cynthiana Kentucky 41031 United States

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Boulder

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AT-1816

Food Integ. Innovation-Greenfield

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671 S. Meridian Road
Greenfield IN 46140
800-675-8375



2918.06

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 12, 2019

ANANDA HEMP
1961 S. Edgewater Road
Cynthiana, KY 41031

Order No. 509658
Sample No. 1037942

SAMPLE INFORMATION

Description AH THC-Free
Lot Number 19P7296
Category (Type) Edible (Tincture)
Strain hemp
Received November 07, 2019

ANALYTICAL RESULTS

Analysis Date November 07, 2019 to November 12, 2019

Analyte	Method	Finding
Standard Plate Count cfu/g	FDA BAM	<10
Coliforms cfu/g	FDA BAM ECC	<10
E. coli cfu/g	FDA BAM ECC	<10
Enterobacteriaceae cfu/g	AOAC 2003.01	<10
Yeast cfu/g	AOAC 2014.05	<10
Mold cfu/g	AOAC 2014.05	<10

Reported by
Anresco, Inc.

Laila

Laila Lam
Microbiologist

November 12, 2019



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If there are any questions with this report, please contact "compliance@anresco.com".

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