



PRODUCT DESCRIPTION

PRODUCT:	Fulsolate™ Broad Spectrum Hemp Powder
PRODUCT CODE:	986356
PRODUCT DESCRIPTION:	A water soluble powder which is manufactured by spray drying cannabidiol oil with an emulsifying plating agent.
LOT NUMBER:	070921
MFG DATE:	July 9, 2019
USES:	As a dietary supplement used as an anti-inflammatory, anticonvulsant, antioxidant, antiemetic, anxiolytic and antipsychotic agent.
DOSAGE:	10 - 50 mg daily.
STORAGE:	Cool and dry, below 30c, avoid direct sunlight.
SHELF LIFE:	24 months unopened – 6 months after opening in sealed container.
PACKAGING:	Bulk.
LABEL:	N/A Bulk Product. Suggested: [PRODUCT NAME] Broad Spectrum Powder



CERTIFICATE OF ANALYSIS

FDA #: 15910499580

Product Name:	Fulsolate™	Source:	Vegetarian
Batch Number:	070921	Country of Origin:	USA
Mfg Date:	July 9, 2019	Expiration Date:	July 31, 2021

ANALYSIS	SPECIFICATION	RESULTS	TEST METHODS
Identification	HPLC Match	Pass	HPLC
Chemical Physical Control			
Character/Appearance	Yellowish to White Powder	Pass	Visual
Color	Yellowish White	Pass	Visual
Odor	Characteristic	Pass	Organoleptic
Taste	Characteristic	Pass	Organoleptic
Mesh Size/Sieve Analysis	>100% through 40 mesh	Pass	40 mesh screen
Loss on Drying	≤10.0%	0.90%	AOAC
Ash Content	<8.0%	0.51%	2g/525C/3hrs
Heavy metals	<15 ppm Total	<2.5 ppm	ICP-MS
	As: <3 ppm	<1 ppm	ICP-MS
	Pb: <1 ppm	<1 ppm	ICP-MS
Microbiology Control			
Total plate count	<500,000 cfu/g	<21,000 cfu/g	FDA BAM
Total Yeast & Mold	<20,000 cfu/g	<120 cfu/g	FDA BAM
E.coli	Negative	Negative	USP <2022>
Salmonella	Negative	Negative	AOAC
Coliforms	<1,000 cfu/g	Negative	FDA BAM
GMO State	Non-GMO	Pass	Report
Pesticides	Meets USP Spec	Pass	GC-USP
Excipients/Carriers used	MCT/polysaccharide carbohydrate	Pass	Report
Endangered Spp.	Negative	Pass	Report
Extraneous Metal	Negative	Pass	Magnetic Screen
Irradiation	Negative	Pass	Report
Packing & Storage:	Bulk boxes, double plastic liner.		
Shelf Life:	Two years unopened if sealed and stored away from moisture and direct sunlight.		
Approved by: Eric Liao 07/11/2019			

ARSNLabs
3043 Alhambra Drive
Cameron Park, CA 95682

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All information herein is offered in good faith, without guarantee or obligation for the accuracy or sufficiency thereof, or of the results obtained, and is accepted at the user's risk.



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CANNABINOID PROFILE

Component	Mass (%)
CBD	26.29
CBDA	N/D
CBG	N/T
CBC	N/T
CBN	0.39
D9THC	<LOQ
THCA	N/D
Total Cannabinoids	26.65

TERPENE PROFILE

Component	Results (mg/g)
beta-Caryophyllene	N/T
alpha-Humulene	N/T
Caryophyllene oxide	N/T
beta-Myrcene	N/T
alpha-Pinene	N/T
Terpinolene	N/T
Humulene epoxide	N/T
beta-Pinene	N/T
e-beta-Ocimene	N/T
Camphene	N/T
d-Limonene	N/T
Sabinene	N/T
Isopulegol	N/T
Linalool	N/T
Ocimene	N/T
Nerolidol	N/T
alpha-Terpinene	N/T
delta-3-Carene	N/T
gamma-Terpinene	N/T
p-Cymene	N/T
beta-Caryophyllene	N/T
alpha-Bisabolol	N/T
Other	N/T

N/D = Below Detectable Threshold, N/T = Not Tested, <LOQ = Below Level of Quantification

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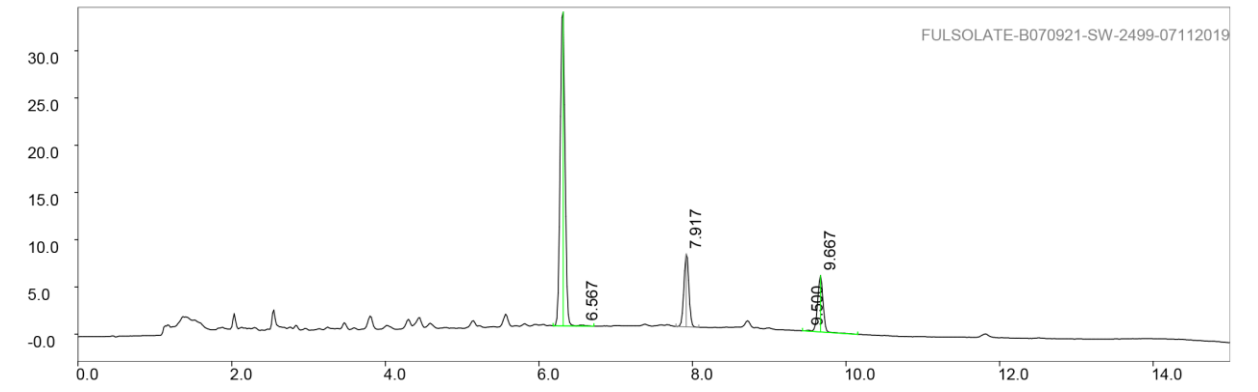
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CHROMATAGRAPH



PESTICIDES

All microbial residues including Listeria, Monocytogenes, E-Coli, Fungi, Salmonella and Molds are all below detectable thresholds.

No heavy metal residues detected.

No flammable residues detected.

No chemical / pesticide residues detected.



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SOLUBILITY

Substance	Temperature	%
Water	20c	93.9

ALLERGENS

Substance	Yes	No
Crustacean Shellfish And Their Derivatives		X
Egg Or Egg Derivatives		X
Fish Or Fish Derivatives		X
Milk Or Milk Derivatives		X
Peanuts Or Peanuts Derivatives		X
Soy Or Soy Derivatives		X
Tree Nuts And Derivatives		X
Wheat Or Wheat Derivatives		X
Gluten (Wheat, Oats, Barley Or Rye)		X
Preservatives		X
Sulfites/Sulfates		X
Color Additives		X
Processing Aids		X
Corn And Derivatives		X
Animal And Derivatives		X
Others (Sesame, Mustard, Artificial Flavors)		X

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ADDITIONAL INFORMATION

Sanitizing Treatment:	Non-Irradiated and not treated with ETO.
Certification Status:	cGMP, Derived from organic sources.
Genetic Modification Status:	GMO free.
BSE/TSE Status:	BSE/TSE free.
Country of Origin:	United States.
Cultivated or wild crafted:	Cultivated.
Vegetarian Status:	Suitable for vegans and vegetarians.
Animal testing status:	Negative.

Because this is an herbal product, there is likely to be minor color variation because of geographical and seasonal variations of the raw material.

Natural products can be hygroscopic and tend to agglomerate. Sifting is suggested before use.