

The below lab results are accurate and additional testing info can be requested from us.

ANALYTICAL REPORT

AR-21-JL-026973-01

Client Code: JL0000067

PO#: 25mg Softgels

Received On: 11Aug2021

Reported On: 19Aug2021

Eurofins Sample Code: 990-2021-08110136

Sample Registration Date: 11Aug2021

Client Sample Code: B21000501

Condition Upon Receipt: acceptable, 22°C

Sample Description: 25mg 5CS Softgels

Sample Reference: 5CS-PC 5%

Serving Size 2 softgels

FS001 - Heavy Metals (As, Cd, Hg, and Pb)

Reference
AOAC 2011.19 and 993.14 (modified)

Accreditation
ISO/IEC 17025:2017
A2LA 2918.01

Completed
19Aug2021

Sub
2

Parameter

Result

Result

Theoretical

Arsenic <10.0 ppb

Cadmium <5.00 ppb

Lead <5.00 ppb

Mercury <5.00 ppb

FS00D - Industrial Hemp Cannabinoid Profile

Reference
AOAC 2018.11

Accreditation
ISO/IEC 17025:2017
A2LA 2918.01

Completed
19Aug2021

Sub
2

Parameter

Result

Result

Theoretical

CBD 5,160 mg/100 g 51.2 mg/Serving 50 mg/Serving

CBDA <0.0250 % <0.0002 g/Serving

CBN <0.0250 % <0.0002 g/Serving

Delta 9-THC <0.0250 % <0.0002 g/Serving

THCA <0.0250 % <0.0002 g/Serving %

CBC <0.0250 % <0.0002 g/Serving

CBDVA <0.0250 % <0.0002 g/Serving

CBG <0.0250 % <0.0002 g/Serving

CBGA <0.0250 % <0.0002 g/Serving

CBDV <0.0250 % <0.0002 g/Serving

Delta 8-THC <0.0250 % <0.0002 g/Serving

THCV <0.0250 % <0.0002 g/Serving

Total Cannabinoids 5.16 % 0.0512 g/Serving

Total THC (THC + (THCA x 0.877)) <0.0250 % <0.0250 %

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FS00D - Industrial Hemp Cannabinoid Profile	Reference AOAC 2018.11	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 19Aug2021	Sub 2
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Parameter	Result	Result	Theoretical
Total CBD (CBD + (CBDA x 0.877))	5.16 %	0.0512 g/Serving	
CBCA	<0.0250 %	<0.0002 g/Serving	
CBL	<0.0250 %	<0.0002 g/Serving	
CBNA	<0.0250 %		
THCVA	<0.0250 %	<0.0002 g/Serving	

FS02Y - Residual Solvents – Class 1, 2a, 2b	Reference USP <467>	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 19Aug2021	Sub 2
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Parameter	Result	Result	Theoretical
1,1,1-Trichloroethane	<10 ppm		
1,1-Dichloroethene	<8 ppm		
1,2-Dichloroethane	<5 ppm		
1,2-Dichloroethene	<1,870 ppm		
1,2-Dimethoxyethane	<100 ppm		
1,4-Dioxane	<380 ppm		
Acetonitrile	<410 ppm		
Benzene	<2 ppm		
Carbon Tetrachloride	<4 ppm		
Chlorobenzene	<360 ppm		
Chloroform	<60 ppm		
Cumene	<70.0 ppm		
Cyclohexane	<3,880 ppm		
Methanol	<3,000 ppm		
Methylbutylketone	<50 ppm		
Methylcyclohexane	<1,180 ppm		
Methylene Chloride	<600 ppm		
n-Hexane	<290 ppm		
Nitromethane	<50 ppm		
Pyridine	<200 ppm		
Tetrahydrofuran	<720 ppm		
Tetralin	<96.0 ppm		

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USP <467>**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
19Aug2021**Sub**
2**Parameter****Result****Result****Theoretical**

Toluene

<890 ppm

Trichloroethylene

<80 ppm

Xylenes(O,M,P + EB)

<2,170 ppm

FS06I - Appearance**Reference**
USP <994>**Completed**
19Aug2021**Sub**
2**Parameter****Result****Result****Theoretical**

Appearance

Translucent, yellow
tinted oval softgelTranslucent, yellow
tinted oval softgel**FSPHC - Multi-Residue Analysis for hemp****Reference**
EN 15662**Accreditation**
ISO/IEC 17025:2017
A2LA 2918.01**Completed**
19Aug2021**Sub**
2**Parameter****Result****Result****Theoretical**

Carbofuran-3-hydroxy-

<0.10 mg/kg

Abamectin

non-analyzable mg/kg non-analyzable mg/kg

Aldicarb

non-analyzable mg/kg non-analyzable mg/kg

Aldicarb sulfone (Aldoxycarb)

<0.10 mg/kg

Aldicarb sulfoxide

<0.10 mg/kg

Azoxystrobin

<0.10 mg/kg

Bifenazate

<0.10 mg/kg

Bifenthrin

<0.10 mg/kg

Carbaryl

<0.10 mg/kg

Carbofuran

<0.10 mg/kg

Chlorantraniliprole

<0.10 mg/kg

Chlordane cis-

<0.10 mg/kg

Chlordane trans-

<0.10 mg/kg

Chlorfenapyr

<0.10 mg/kg

Chlorpyrifos

<0.10 mg/kg

Coumaphos

<0.10 mg/kg

Cyfluthrin

<0.10 mg/kg

Cypermethrin

<0.10 mg/kg

Cyproconazole (2 diastereoisomers)

<0.10 mg/kg

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FSPHC - Multi-Residue Analysis for hemp

Reference
EN 15662

Accreditation
ISO/IEC 17025:2017
A2LA 2918.01

Completed
19Aug2021

Sub
2

Parameter

Result

Result

Theoretical

Cyprodinil	<0.10 mg/kg
Dichlorvos	<0.10 mg/kg
Diclobutrazol	<0.10 mg/kg
Dipropetryn	<0.10 mg/kg
Disulfoton	<0.10 mg/kg
Endosulfan sulfate	<0.20 mg/kg
Endosulfan I (alpha-isomer)	<0.20 mg/kg
Endosulfan II (beta-isomer)	<0.20 mg/kg
Epoxiconazole	<0.10 mg/kg
Ethiofencarb	<0.10 mg/kg
Etofenprox	<0.10 mg/kg
Etoxazole	<0.10 mg/kg
Fenoxycarb	<0.10 mg/kg
Fenpropathrin	<0.10 mg/kg
Fenvalerate/Esfenvalerate (sum of isomer)	<0.20 mg/kg
Fipronil	<0.10 mg/kg
Fipronil desulfinyl	<0.10 mg/kg
Fipronil sulfone	<0.10 mg/kg
Imazalil (any ratio of constituent isomers)	<0.10 mg/kg
Imidacloprid	<0.10 mg/kg
Malathion	<0.10 mg/kg
Methiocarb	<0.10 mg/kg
Methiocarb sulfone	<0.10 mg/kg
Methiocarb sulfoxide	<0.10 mg/kg
Methomyl	<0.10 mg/kg
Metolachlor	<0.10 mg/kg
Mevinphos (E- and Z-isomers)	<0.10 mg/kg
Myclobutanil	<0.10 mg/kg
Naled (Dibrom)	<0.10 mg/kg
Paclobutrazol	<0.10 mg/kg
Permethrin (sum of isomers)	<0.10 mg/kg

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FSPHC - Multi-Residue Analysis for hemp	Reference	Accreditation	Completed	Sub
	EN 15662	ISO/IEC 17025:2017 A2LA 2918.01	19Aug2021	2

Parameter	Result	Result	Theoretical
Propoxur	<0.10 mg/kg		
Pyrethrum (total)	<1.0 mg/kg		
Spinetoram (spinosyns J and L)	<0.10 mg/kg		
Spinosad (spinosyns A and D)	<0.10 mg/kg		
Spirodiclofen	<0.10 mg/kg		
Spiromesifen	<0.10 mg/kg		
Spirotetramat	<0.10 mg/kg		
Spiroxamine (2 diastereoisomers)	<0.10 mg/kg		
Tebuconazole	<0.10 mg/kg		
Thiabendazole	<0.10 mg/kg		
Thiabendazole-5-hydroxy-	<0.10 mg/kg		
Thiacloprid	<0.10 mg/kg		
Trifloxystrobin	<0.10 mg/kg		

FSPRP - Serving Size - Content (Fill) Weight	Reference	Completed	Sub
	Internal method	19Aug2021	2

Parameter	Result	Result	Theoretical
Entity Weight	0.7739 g		
Entity Fill Weight	0.4957 g		
Units per serving	2 softgel		2 softgel

UM70J - Total Combined Yeasts/Moulds Count - USP Chapter <2021>	Reference	Completed
	U.S. Pharmacopeia Chapter 2021	16Aug2021

Parameter	Result	Result	Theoretical
Total Combined Yeasts/Moulds Count	< 10 cfu/g	< 10 cfu/g	

UMDBM - Coliforms - AOAC 991.14	Reference	Accreditation	Completed	Sub
	AOAC 991.14	ISO/IEC 17025:2017 A2LA 3329.07	16Aug2021	1

Parameter	Result	Result	Theoretical
Coliforms	< 10 cfu/g		

ZMCKU - E. coli - USP <2022>	Reference	Completed
	USP <2022>	14Aug2021

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ZMCKU - E. coli - USP <2022>

Reference
USP <2022>

Completed
14Aug2021

Parameter
Escherichia Coli

Result
Not Detected per 10 g

Result
Not Detected per 10 g

Theoretical

ZME8F - Total Aerobic Microbial Count - USP Chapter <2021>

Reference
U.S. Pharmacopeia Chapter 2021

Completed
13Aug2021

Parameter
Total Aerobic Microbial Count

Result
< 10 cfu/g

Result
< 10 cfu/g

Theoretical

ZMEV3 - Salmonella spp. - USP Chapter <2022>

Reference
U.S. Pharmacopeia Chapter 2022

Completed
14Aug2021

Parameter
Salmonella

Result
Not Detected per 25 g

Result
Not Detected per 25 g

Theoretical

Subcontracting partners:

- 1 - Eurofins Microbiology Laboratories (New Berlin), Wisconsin
- 2 - Eurofins Food Chemistry Testing US Madison, WI

Signatures on File 7/01/2022