

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30199)

Testing Location: F.A.S.T. Labs 232 S. Broadview St. Greenbrier, AR 72058 License: TL2020029	Customer ID: 2143 Cannfusion LLC 13500 Pitt Rd Amarillo, Texas 79118 License: DSHS #98	Order ID: OR9512 Lot Number: Not Entered Batch Number: CFS010722	Sample Type: Primary Matrix: Edible Mass: 122g Date Collected: 09/28/2021 Date Received: 10/01/2021
Cultivar (Strain) or Sample Description: CF Soul			Date Completed: 10/05/2021

RESIDUAL SOLVENT PROFILE (SOP: SOP-RS-001)

Analysis Date/Time: 10/5/2021 1153	Method: HS/GC/MS	Deviations from SOP:
Analyst: KF	Instrument: Agilent 7890/5975	None

Solvent	Result (µg/g)	Action Level (µg/g)	Solvent	Result (µg/g)	Action Level (µg/g)
Acetone (67-64-1)	-	5000	n-Heptane (142-82-5)	-	5000
Acetonitrile (75-5-8)	-	410	n-Hexane (110-54-3)	-	290
Benzene (71-43-2)	-	2	Isobutane (75-28-5)	-	5000
n-Butane (106-97-2)	-	5000	Isopropanol (67-63-0)	-	5000
1-Butanol (71-36-3)	-	5000	Isopropyl acetate (108-21-4)	-	5000
2-Butanol (78-92-2)	-	5000	Isopropyl benzene (98-82-8)	-	70
2-Butanone (78-93-3)	-	5000	Methanol (67-56-1)	-	3000
Cyclohexane (110-82-7)	-	3880	2-Methylbutane (78-78-4)	-	5000
1,2-Dimethoxyethane (110-71-4)	-	100	Methylene chloride (75-9-2)	-	600
N,N-Dimethylacetamide (127-19-5)	-	1090	2-Methylpentane (107-83-5)	-	290
2,2-Dimethylbutane (75-83-2)	-	290	3-Methylpentane (96-10-0)	-	290
2,3-Dimethylbutane (79-29-8)	-	290	n-Pentane (109-66-0)	-	5000
N,N-Dimethylformamide (68-12-2)	-	880	1-Pentanol (71-41-0)	-	5000
Dimethylsulfoxide (67-68-5)	-	5000	n-Propane (74-98-6)	-	5000
1,4-Dioxane (123-91-1)	-	380	1-Propanol (71-23-8)	-	5000
Ethanol (64-17-5)	-	5000	Pyridine (110-86-1)	-	200
2-Ethoxyethanol (110-80-5)	-	160	Tetrahydrofuran (109-99-9)	-	720
Ethyl ether (60-29-7)	-	5000	Tetramethylene sulfone (126-33-0)	-	160
Ethyl acetate (141-78-6)	-	5000	Toluene (108-88-3)	-	890
Ethyl benzene (100-41-4)	-	2170	o-Xylene (95-47-6)	-	2170
Ethylene glycol (107-21-1)	-	620	m,p-Xylene (108-38-3 or 106-42-3)	-	2170
			Xylenes* (1330-20-7)	-	2170



Color Key

RESULT < AL
RESULT > AL

Reporting Limit (µg/g)
1/2 of AL

"-" not detected above reporting limit

"*" - o,m,p-Xylene and Ethylbenzene

Action levels are referenced from the State of Arkansas MMJ testing guidelines.

A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

Solvent	Synonym(s)	Solvent	Synonym(s)
Acetonitrile	Methyl Cyanide, ACN	Ethylene glycol	1,2-Ethanediol
1-Butanol	n-Butanol, Butyl Alcohol	Isobutane	2-Methylpropane
2-Butanol	sec-Butyl alcohol	Isopropanol	2-Propanol, IPA
2-Butanone	Methyl ethyl ketone, MEK	Isopropyl Acetate	Acetic acid isopropyl ester
1,2-Dimethoxyethane	Monoglyme	Methanol	Methyl alcohol
2,3-Dimethylbutane	Neohexane	2-Methylbutane	Isopentane
2,3-Dimethylbutane	Diisopropyl	Methylene chloride	Dichloromethane
N,N-Dimethylformamide	DMF	2-Methylpentane	Isohexane
Dimethylsulfoxide	DMSO	1-Pentanol	n-Amyl alcohol
2-Ethoxyethanol	Cellosolve, Ethyl glycol	1-Propanol	Propyl alcohol
Ethyl ether	Diethyl ether, Ether	Tetrahydrofuran	THF
Ethyl acetate	EtOAc	Tetramethylene sulfone	Sulfolane
Ethyl benzene	Phenylethane	Xylene	Dimethylbenzene

Abbreviations: HS-Headspace, GC-Gas Chromatography, MS-Mass Spectrometry, RL-Reporting Limit, AL-Action Level, CAS-Chemical Abstract Services

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REPORT OF LABORATORY ANALYSIS

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Accreditation #114730

CERTIFICATE OF ANALYSIS (SAMPLE ID: SA30199)

Testing Location: F.A.S.T. Labs 232 S. Broadview St. Greenbrier, AR 72058 License: TL2020029	Customer ID: 2143 Cannfusion LLC 13500 Pitt Rd Amarillo, Texas 79118 License: DSHS #98	Order ID: OR9512 Lot Number: Not Entered Batch Number: CFS010722	Sample Type: Primary Matrix: Edible Mass: 122g Date Collected: 09/28/2021 Date Received: 10/01/2021
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Cultivar (Strain) or Sample Description: CF Soul **Date Completed:** 10/05/2021

PESTICIDES PROFILE (SOP: SOP-PEST-001)

Analysis Date/Time: 10/5/2021 0923 **Method:** LC/MS/MS **Deviations from SOP:** None
Analyst: KF **Instrument:** Shimadzu LC-8050

<u>Pesticide</u>	<u>Result (µg/g)</u>	<u>Action Level (µg/g)</u>	<u>Pesticide</u>	<u>Result (µg/g)</u>	<u>Action Level (µg/g)</u>
Abamectin (71751-41-2)	-	0.5	Imazalil (35554-44-0)	-	0.2
Acephate (30560-19-1)	-	0.4	Imidacloprid (138261-41-3)	-	0.4
Acequinocyl (57960-19-7)	-	2	Kresoxim-methyl (143390-89-0)	-	0.4
Acetamiprid (135410-20-7)	-	0.2	Malathion (121-75-5)	-	0.2
Aldicarb (116-06-3)	-	0.4	Metalaxyl (57837-19-1)	-	0.2
Azoxystrobin (131860-33-8)	-	0.2	Methiocarb (2032-65-7)	-	0.2
Bifenazate (149877-41-8)	-	0.2	Methomyl (16752-77-5)	-	0.4
Bifenthrin (82657-04-3)	-	0.2	Methyl parathion (298-0-0)	-	0.2
Boscalid (188425-85-6)	-	0.4	MGK 264 (113-48-4)	-	0.2
Carbaryl (63-25-2)	-	0.2	Myclobutanil (88671-89-0)	-	0.2
Carbofuran (1563-66-2)	-	0.2	Naled (300-76-5)	-	0.5
Chlorantraniliprole (800008-45-7)	-	0.2	Oxamyl (23135-22-0)	-	1
Chlorfenapyr (122453-73-0)	-	1	Paclobutrazol* (76738-62-0)	-	0.4
Chlorpyrifos (2921-88-2)	-	0.2	Permethrins (52645-53-1)	-	0.2
Clofentezine (74115-24-5)	-	0.2	Phosmet (732-11-6)	-	0.2
Cyfluthrin (68359-37-5)	-	1	Piperonyl butoxide (51-03-6)	-	2
Cypermethrin (52315-07-8)	-	1	Prallethrin (2331-36-9)	-	0.2
Daminozide (1596-84-5)	-	1	Propiconazole (60207-90-1)	-	0.4
DDVP (62-73-7)	-	0.1	Propoxur (114-26-1)	-	0.2
Diazinon (333-41-5)	-	0.2	Pyrethrins (8003-34-7)	-	1
Dimethoate (60-51-5)	-	0.2	Pyridaben (96489-71-3)	-	0.2
Ethoprophos (13194-48-4)	-	0.2	Spinosad (168316-95-8)	-	0.2
Etofenprox (80844-07-1)	-	0.4	Spiromesifen (283594-90-1)	-	0.2
Etoxazole (153233-91-1)	-	0.2	Spirotetramat (203313-25-1)	-	0.2
Fenoxycarb (72490-01-8)	-	0.2	Spiroxamine (118134-30-8)	-	0.4
(E)-Fenpyroximate (134098-61-6)	-	0.4	Tebuconazole (80443-41-0)	-	0.4
Fipronil (120068-37-3)	-	0.4	Thiacloprid (111988-49-9)	-	0.2
Fonicamid (158062-67-0)	-	1	Thiamethoxam (153719-23-4)	-	0.2
Fludioxinil (131341-86-1)	-	0.4	Trifloxystrobin (141517-21-7)	-	0.2
Hexythiazox (78587-05-0)	-	1			



Color Key

RESULT < AL (Green background)
RESULT > AL (Red background)

Reporting Limit (µg/g)
1/2 of AL

"-" not detected above reporting limit

Permethrins measured as the cumulative residue of the *cis*- and *trans*-permethrin isomers.

Action levels are referenced from the State of Arkansas MMJ testing guidelines.

A value of "-" for the action level means that analyte is not currently regulated by the regulations referenced above.

Abbreviations: LC - Liquid Chromatography, MS - Mass Spectrometry, RL - Reporting Limit, AL - Action Level, CAS - Chemical Abstract Services

<u>Pesticide</u>	<u>Synonym(s)</u>	<u>Pesticide</u>	<u>Synonym(s)</u>	<u>Pesticide</u>	<u>Synonym(s)</u>
Cyfluthrin	Baythroid	Myclobutanil	Systhane	Propiconazole	Tilt
DDVP	Dichlorvos	Naled	Dibrom	Propoxur	Baygon
Ethoprophos	Prophos	Phosmet	Imidan		

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Cultivar (Strain) or Sample Description: CF Soul			

HEAVY METAL PROFILE (SOP: SOP-ICP-200.7)

Analysis Date/Time: 10/5/2021 1157 (ICP/OES) **Method:** ICP/OES **Deviations from SOP:**
Analysis Date/Time: - (DMA) **Instrument:** Agilent 720-ES None
Analyst: KF

<u>Heavy Metal</u>	<u>Result (µg/kg)</u>	<u>Action Level (µg/kg)</u>
Arsenic (As)	-	200
Cadmium (Cd)	-	200
Lead (Pb)	-	500
Mercury (Hg)	-	100



Abbreviations: ICP - Inductively-Coupled Plasma, OES - Optical Emission Spectroscopy, DMA - Direct Mercury Analyzer, RL - Reporting Limit, AL - Action Level

Color Key

RESULT < AL
RESULT > AL

Reporting Limit (µg/kg)
1/2 Action Level

"-" not detected above reporting limit

Action levels for heavy metals are referenced from the State of Arkansas MMJ testing guidelines.

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Cultivar (Strain) or Sample Description: CF Soul			

MICROBIOLOGICAL PROFILE (SOP: SOP-Micro-001)

Analysis Date/Time: 10/2/2021 **Method:** Hardy Diagnostics CompactDry **Deviations from SOP:**
Analyst: PW **Instrument:** Thermo Incubator None

Bacteria/Microbe	Result (CFU/g)	Action Level (CFU/g)
Aerobic Plate Count	NT	-
Coliforms, Total	Absent	100
Escherichia Coli (E. Coli)	Absent	1
Mold/Yeast	NT	-
Salmonella spp.	NT	-
Staphylococcus aureus	NT	-



Abbreviations: EC - Escherichia Coli, CFU - Colony-Forming Unit, RL - Reporting Limit, AL - Action Level, TNTC - Too Numerous To Count, NT - Not Tested
Absent - Not Detected Above RL, Present - Detected Above RL

Color Key



Reporting Limit (CFU/g)
1

Action levels for microbiology are referenced from the State of Arkansas MMJ testing guidelines.
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