

HEALTHY HARVESTING,
LLC
638 SPARTANBURG HWY
70-164
HENDERSONVILLE, NC 28792

Certificate of Analysis

ACS LABORATORY | CANNABIS & HEMP
BEYOND COMPLIANCE

Order #: HEA200513-010055 Order Date: 2020-05-13 Collection Date: 2020-05-15 Report Date: 2020-05-21

Batch #: 2124
Sample #: AAAG470
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: 2000G
Description: Healthy Harvesting 40mg CBD/ 10mg CBN Tincture

Initial Gross Weight: 19603 mg
Density: .983 g/ml
Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Pathogenic Passed	Pathogenic Microbiology Passed	Residual Solvents Passed
Pesticides Passed		



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

CBD Total 4.3940%	THC Total Not Detected	CBG Total 0.1865%
CBN Total 1.1700%	Other Cannabinoids 0.1043%	Total Cannabinoids 5.8548%

Potency - 11 (Tested)

(HPLC)

Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	1.025	0.104	0.001	CBD	43.193	4.394	0.001	CBDA	<LOQ		0.001
CBDV	<LOQ		0.001	CBG	1.833	0.187	0.001	CBGA	<LOQ		0.001
CBN	11.501	1.170	0.001	Delta-8 THC	<LOQ		0.001	Delta-9 THC	<LOQ		0.001
THCA-A	<LOQ		0.001	THCV	<LOQ		0.001	Total CBD	43.193	4.394	0.001
Total THC	<LOQ		0.001								

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THC + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A (mg/ml) = Milligrams per Milliliter, , LOQ = Limit of Quantitation

Xueli Gao
Ph.D., DABT

Lab Toxicologist

Aixia Sun
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Principal Scientist

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Heavy Metals (Passed) (ICP-MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Arsenic (As)	1500	<LOQ	100	Cadmium (Cd)	500	<LOQ	100	Lead (Pb)	500	<LOQ	100
Mercury (Hg)	3000	<LOQ	100								

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed) (LCMS/MS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Aflatoxin B1		<LOQ	6	Aflatoxin B2		<LOQ	6	Aflatoxin G1		<LOQ	6
Aflatoxin G2		<LOQ	6	Aflatoxin Total	20	<LOQ	6	Ochratoxin A	20	<LOQ	12

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Pathogenic Microbiology #3 (HEMP Compliance Panel) (Passed) (qPCR)

Analyte	Result
Listeria	
Monocytogenes	Absence

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Pathogenic Microbiology #1 (MMTC Compliance Panel) (Passed)

(Micro Array)

Analyte	Result	Analyte	Result
Salmonella	Absence	STEC E. Coli	Absence

Residual Solvents (Extract Only) (Passed)

(GC/GCMS)

Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)
Acetone	5000	<LOQ	87.9	Benzene	1.6	<LOQ	1.6	Chloroform	53	<LOQ	53
Ethanol	5000	<LOQ	26.7	Hexane	60	<LOQ	36.6	I-Butane	5000	<LOQ	100
Isopropanol	5000	<LOQ	52.3	Methanol	3000	<LOQ	87.9	N-Butane	5000	<LOQ	200
Pentane	5000	<LOQ	389.5	Toluene	890	<LOQ	38.4				

(ppm) = Parts per Million, (ppm) = (µg/g), , LOQ = Limit of Quantitation

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Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/MS)

Analyte	Action Level	Result	LOQ	Analyte	Action Level	Result	LOQ	Analyte	Action Level	Result	LOQ
Abamectin	300	<LOQ	28.23	Abamectin A	300	<LOQ	28.23	Acephate	3000	<LOQ	30
Acetamiprid	2000	<LOQ	48	Acetamiprid	3000	<LOQ	30	Aldicarb	100	<LOQ	30
Azoxystrobin	3000	<LOQ	10	Bifenazate	3000	<LOQ	30	Bifenthrin	500	<LOQ	30
Boscalid	3000	<LOQ	10	Captan	3000	<LOQ	30	Carbaryl	500	<LOQ	10
Carbofuran	100	<LOQ	10	Chlorantraniliprole	3000	<LOQ	10	Chlordane	100	<LOQ	10
Chlorfenapyr	100	<LOQ	30	Chloromequat Chloride	3000	<LOQ	10	Chlorpyrifos	100	<LOQ	30
Coumaphos	100	<LOQ	48	Cyfluthrin	1000	<LOQ	30	Clofentezine	500	<LOQ	30
Daminozide	100	<LOQ	30	Diazinon	200	<LOQ	30	Cypermethrin	1000	<LOQ	30
Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	48	Dichlorvos	100	<LOQ	30
Etofenprox	100	<LOQ	30	Etoazole	1500	<LOQ	30	Ethoprophos	100	<LOQ	30
Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30	Fenhexamid	3000	<LOQ	10
Flonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	48	Fipronil	100	<LOQ	30
Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30	Hexythiazox	2000	<LOQ	30
Malathion	2000	<LOQ	30	Malathion_A	1000	<LOQ	30	Kresoxim Methyl	1000	<LOQ	30
Methiocarb	100	<LOQ	30	Methomyl	100	<LOQ	30	Metalaxyl	3000	<LOQ	10
Mevinphos	100	<LOQ	10	Myclobutanil	3000	<LOQ	30	methyl-Parathion	100	<LOQ	10
Oxamyl	500	<LOQ	30	Paclobutrazol	100	<LOQ	30	Naled	500	<LOQ	30
Permethrin	1000	<LOQ	30	Phosmet	200	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10
Prallethrin	400	<LOQ	30	Propiconazole	1000	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Pyridaben	3000	<LOQ	30	Propoxur	100	<LOQ	30
Spinosad	3000	<LOQ	30	Spiromesifen	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Spiroxamine	100	<LOQ	30	Tebuconazole	1000	<LOQ	30	Spirotetramat	3000	<LOQ	30
Thiamethoxam	1000	<LOQ	30	Trifloxystrobin	3000	<LOQ	30	Thiacloprid	100	<LOQ	30

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