

Order #: THE200730-010024 Order Date: 2020-07-30 Collection Date: 2020-08-03 Report Date: 2020-08-13

Batch #: M201141-04
Sample #: AAAK367
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: hemp
Description: full spectrum tincture

Initial Gross Weight: 81.229 g
Net Weight: 27406.4 mg
Density: 0.96985 mg/ml
Method: SOP-3



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



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

Total CBD 2.873% 763.682mg	Total THC 0.112% 29.876mg	Total CBG 0.280% 74.371mg
Total CBN Not Detected	Other Cannabinoids 0.169% 45.000mg	Total Cannabinoids 3.435% 912.929mg

Potency - 11 (Tested)

(HPLC/LCMS)

Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	1.282	0.132	0.001	CBD	27.544	2.840	0.001	CBDA	0.366	0.038	0.001
CBDV	0.360	0.037	0.001	CBG	2.714	0.280	0.001	CBGA	<LOQ	0.001	
CBN	<LOQ	0.001		Delta-8 THC	<LOQ	0.001		Delta-9 THC	1.090	0.112	0.001
THCA-A	<LOQ	0.001		THCV	<LOQ	0.001		Total CBD	27.865	2.873	0.001
Total THC	1.090	0.112	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-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THC + THCV + THCV-A, *Total (mg) = Total (%) ÷ 100 * Net Weight(mg) (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

721 Cortaro Drive P: +1 (866) 762-8379 E: info@acslabcannabis.com License No. 800025015
Sun City Center, FL - 33573 F: +1 (813) 634-4538 http://www.acslabcannabis.com CLIA No. 10D1094068

Order #: THE200730-010024 Order Date: 2020-07-30 Collection Date: 2020-08-03 Report Date: 2020-08-13

Batch #: M201141-04
Sample #: AAAK367
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: hemp
Description: full spectrum tincture

Initial Gross Weight: 81.229 g
Net Weight: 27406.4 mg
Density: 0.96985 mg/ml
Method: SOP-3



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/API/GCMS)

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	20	<LOQ	6	Aflatoxin B2	20	<LOQ	6	Aflatoxin G1	20	<LOQ	6
Aflatoxin G2	20	<LOQ	6	Ochratoxin A	20	<LOQ	12				

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

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com
<http://www.acslabcannabis.com>

License No. 800025015
CLIA No. 10D1094068

Order #: THE200730-010024

Order Date: 2020-07-30

Collection Date: 2020-08-03

Report Date: 2020-08-13

Batch #: M201141-04
Sample #: AAAK367
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: hemp
Description: full spectrum tincture

Initial Gross Weight: 81.229 g
Net Weight: 27406.4 mg
Density: 0.96985 mg/ml
Method: SOP-3



Pesticides FL V4 (Non-Inhalable) (Passed)

(LCMS/API/GCMS)

Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	300	<LOQ	28.23	Acephate	3000	<LOQ	30	Acequinocyl	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	Carbaryl	500	<LOQ	10
Carbofuran	100	<LOQ	10	Chlorantraniliprole	3000	<LOQ	10	Chlordane	100	<LOQ	10
Chlorfenapyr	100	<LOQ	30	Chlormequat 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	Metalaxyl	3000	<LOQ	10	Kresoxim Methyl	1000	<LOQ	30
Methomyl	100	<LOQ	30	methyl-Parathion	100	<LOQ	10	Methiocarb	100	<LOQ	30
Myclobutanil	3000	<LOQ	30	Naled	500	<LOQ	30	Mevinphos	100	<LOQ	10
Paclobutrazol	100	<LOQ	30	Pentachloronitrobenzene	200	<LOQ	10	Oxamyl	500	<LOQ	30
Piperonylbutoxide	3000	<LOQ	30	Prallethrin	400	<LOQ	30	Permethrin	1000	<LOQ	30
Propoxur	100	<LOQ	30	Pyrethrins	1000	<LOQ	30	Phosmet	200	<LOQ	30
Spinetoram	3000	<LOQ	10	Spinosad	3000	<LOQ	30	Propiconazole	1000	<LOQ	30
Spirotetramat	3000	<LOQ	30	Spiroxamine	100	<LOQ	30	Pyridaben	3000	<LOQ	30
Thiacloprid	100	<LOQ	30	Thiamethoxam	1000	<LOQ	30	Spiromesifen	3000	<LOQ	30
								Tebuconazole	1000	<LOQ	30
								Trifloxystrobin	3000	<LOQ	30

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

Xueli Gao
Ph.D., DABT

Lab Toxicologist

Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Principal Scientist

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com
<http://www.acslabcannabis.com>

License No. 800025015
CLIA No. 10D1094068

Order #: THE200730-010024 Order Date: 2020-07-30 Collection Date: 2020-08-03 Report Date: 2020-08-13

Batch #: M201141-04 Initial Gross Weight: 81.229 g
Sample #: AAAK367 Net Weight: 27406.4 mg
Specimen Type: CBD/HEMP Derivative Products (Ingestion) Density: 0.96985 mg/ml
Extracted From: hemp Method: SOP-3
Description: full spectrum tincture



Residual Solvents (CBD) (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)
1,1-Dichloroethene	8	<LOQ	0.132	1,2-dichloroethane	5	<LOQ	0.032	Acetone	5000	<LOQ	12
Benzene	2	<LOQ	0.016	Butanes	2000	<LOQ	13.32	Acetonitrile	410	<LOQ	0.96
Ethanol	5000	<LOQ	16	Ethyl Acetate	5000	<LOQ	6.4	Chloroform	60	<LOQ	0.032
Ethylene Oxide	5	<LOQ	0.32	Heptane	5000	<LOQ	8	Ethyl Ether	5000	<LOQ	8
Isopropyl alcohol	500	<LOQ	8	Methanol	3000	<LOQ	4	Hexane	290	<LOQ	0.8
Pentane	5000	<LOQ	12	Propane	2100	<LOQ	26.668	Methylene chloride	600	<LOQ	2
Total Xylenes	2170	<LOQ	7.2	Trichloroethylene	80	<LOQ	0.4	Toluene	890	<LOQ	2.4

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

Pathogenic Microbiology - SE (MicroArray) (Tested) (Micro Array)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Salmonella	Absence in 1g	STEC E. Coli	Absence in 1g

(cfu/g) = Colony Forming Unit per Gram

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com
<http://www.acslabcannabis.com>

License No. 800025015
CLIA No. 10D1094068

Order #: THE200730-010024 Order Date: 2020-07-30 Collection Date: 2020-08-03 Report Date: 2020-08-13

Batch #: M201141-04
Sample #: AAAK367
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: hemp
Description: full spectrum tincture

Initial Gross Weight: 81.229 g
Net Weight: 27406.4 mg
Density: 0.96985 mg/ml
Method: SOP-3



Listeria Monocytogenes (Passed)

(qPCR)

Analyte	Result
Listeria Monocytogenes	Absence in 1g

Xueli Gao Lab Toxicologist
Ph.D., DABT

Aixia Sun Principal Scientist
D.H.Sc., M.Sc., B.Sc., MT (AAB)

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.

721 Cortaro Drive
Sun City Center, FL - 33573

P: +1 (866) 762-8379
F: +1 (813) 634-4538

E: info@acslabcannabis.com
<http://www.acslabcannabis.com>

License No. 800025015
CLIA No. 10D1094068