

Order #: FOR200310-030010      Order Date: 2020-03-10      Collection Date: 2020-03-12      Report Date: 2020-03-16

Batch #: 030220  
 Sample #: AAAD570  
 Specimen Type: CBD/HEMP Flower & Plants (Ingestion)  
 Extracted From: Hemp  
 Description: Tincture 5000mg

Initial Gross Weight: 80781mg  
 Net Weight: 29573mg  
 Density: .9492g/ml  
 Method: SOP-3



Potency <b>Tested</b>	Heavy Metals <b>Passed</b>	Mycotoxins <b>Passed</b>
Moisture <b>Tested</b>	Pathogenic <b>Passed</b>	Pathogenic Microbiology <b>Passed</b>
Pesticides <b>Passed</b>		



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

<b>CBD Total</b> 9.8375%      2,909.2394mg	<b>THC Total</b> Not Detected	<b>CBG Total</b> Not Detected
<b>CBN Total</b> 0.2010%      59.4417mg	<b>Other Cannabinoids</b> 0.3700%      109.4201mg	<b>Total Cannabinoids</b> 10.4085%      3,078.1013mg

**Potency - 11 (Tested)**

Potency - 11 (Tested)				(HPLC)			
Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)
CBC	3.512	0.370	0.001	CBD	90.838	9.570	0.001
CBDV	<LOQ	0.001		CBG	<LOQ	0.001	
CBN	1.908	0.201	0.001	Delta-8-THC	<LOQ	0.001	
THCA-A	<LOQ	0.001		THCV	<LOQ	0.001	
				CBDA	2.895	0.305	0.001
				CBGA	<LOQ	0.001	
				Delta-9-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 + THCV + THCV-A, \*Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, \*Total (mg) = Total (%) ÷ 100 \* Net Weight(mg) (mg/ml) = Milligrams per Milliliter, 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      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 #:** FOR200310-030010      **Order Date:** 2020-03-10      **Collection Date:** 2020-03-12      **Report Date:** 2020-03-16

**Batch #:** 030220  
**Sample #:** AAAD570  
**Specimen Type:** CBD/HEMP Flower & Plants (Ingestion)  
**Extracted From:** Hemp  
**Description:** Tincture 5000mg

**Initial Gross Weight:** 80781mg  
**Net Weight:** 29573mg  
**Density:** .9492g/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/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

### Moisture (Tested)

(Moisture Meter)

Analyte	Result (%)
Moisture	1.040

(%) = Percent

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](mailto:info@acslabcannabis.com)  
<http://www.acslabcannabis.com>

License No. 800025015  
 CLIA No. 10D1094068

Order #: FOR200310-030010      Order Date: 2020-03-10      Collection Date: 2020-03-12      Report Date: 2020-03-16

Batch #: 030220  
Sample #: AAAD570  
Specimen Type: CBD/HEMP Flower & Plants (Ingestion)  
Extracted From: Hemp  
Description: Tincture 5000mg

Initial Gross Weight: 80781mg  
Net Weight: 29573mg  
Density: .9492g/ml  
Method: SOP-3



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

Analyte	Result
Listeria	
Monocytogenes	Absence

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

Analyte	Result	Analyte	Result
Salmonella	Absence	STEC E. Coli	Absence

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 #:** FOR200310-030010      **Order Date:** 2020-03-10      **Collection Date:** 2020-03-12      **Report Date:** 2020-03-16

**Batch #:** 030220  
**Sample #:** AAAD570  
**Specimen Type:** CBD/HEMP Flower & Plants (Ingestion)  
**Extracted From:** Hemp  
**Description:** Tincture 5000mg

**Initial Gross Weight:** 80781mg  
**Net Weight:** 29573mg  
**Density:** .9492g/ml  
**Method:** SOP-3



**Pesticides (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)
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	Chlorfenapyr	100	<LOQ	48
Chlorpyrifos	100	<LOQ	30	Clofentezine	500	<LOQ	30	Coumaphos	100	<LOQ	30
Cypermethrin	1000	<LOQ	30	Daminozide	100	<LOQ	30	DDVP(Dichlorvos)	100	<LOQ	30
Diazinon	200	<LOQ	30	Dimethoate	100	<LOQ	30	Dimethomorph	3000	<LOQ	30
Ethoprop(hos)	100	<LOQ	30	Etofenprox	100	<LOQ	30	Etoxazole	1500	<LOQ	30
Fenhexamid	3000	<LOQ	30	Fenoxycarb	100	<LOQ	30	Fipronil	100	<LOQ	30
Fonicamid	2000	<LOQ	30	Fludioxonil	3000	<LOQ	30	Hexythiazox	2000	<LOQ	30
Imazalil	100	<LOQ	30	Imidacloprid	3000	<LOQ	30	Kresoxim Methyl	1000	<LOQ	30
Malathion A	2000	<LOQ	30	Metalaxyl	3000	<LOQ	10	Methiocarb	100	<LOQ	30
Methomyl	100	<LOQ	30	Mevinphos	100	<LOQ	30	Myclobutanil	3000	<LOQ	30
Naled	500	<LOQ	30	Oxamyl	500	<LOQ	30	Paclobutrazol	100	<LOQ	30
Parathion-methyl	100	<LOQ	10	Pentachloronitrobenzene	200	<LOQ	30	Permethrin	1000	<LOQ	30
Piperonylbutoxide	3000	<LOQ	30	Prallethrin	400	<LOQ	30	Phosmet	200	<LOQ	30
Propoxur	100	<LOQ	30	Pyrethrins	1000	<LOQ	30	Propiconazole	1000	<LOQ	30
Spinetoram	3000	<LOQ	30	Spinosyn A	3000	<LOQ	30	Pyridaben	3000	<LOQ	30
Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30	Spinosyn D	3000	<LOQ	30
Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30	Spiroxamine	100	<LOQ	30
Trifloxystrobin	3000	<LOQ	30					Thiamethoxam	1000	<LOQ	30

(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](mailto:info@acslabcannabis.com)  
<http://www.acslabcannabis.com>

License No. 800025015  
 CLIA No. 10D1094068