

Order #: BAL200904-020024 Order Date: 2020-09-04 Collection Date: 2020-09-08 Report Date: 2020-09-21

Batch #: 1202090
Sample #: AAA0826
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: Industrial Hemp
Description: Relief+Relax FSO Tincture 1:1 Ratio (CBG 1000mg: CBD 1000mg)

Initial Gross Weight: 83.12 g
Method: SOP-3



Potency Tested	Heavy Metals Passed	Mycotoxins Passed
Pesticides Passed	Residual Solvents Passed	Water Activity Tested
Pathogenic Passed	Microbiology (qPCR) Passed	



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

Total CBD 3.666%	Total THC 0.153%	Total CBG 3.746%
Total CBN Not Detected	Other Cannabinoids 0.211%	Total Cannabinoids 7.776%

Potency - 11 (Tested)

(HPLC/LCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	1.794	0.179	0.001	CBC	1.794	0.179	0.03	CBD	35.670	3.567	0.001
CBD	35.670	3.567	0.03	CBDA	1.126	0.113	0.001	CBDA	1.126	0.113	0.03
CBDV	0.320	0.032	0.001	CBG	37.460	3.746	0.001	CBGA	<LOQ		0.001
CBN	<LOQ		0.001	Delta-8 THC	<LOQ		0.001	Delta-9 THC	1.527	0.153	0.001
THCA-A	<LOQ		0.001	THCV	<LOQ		0.001	Total CBD	36.658	3.666	0.001
Total THC	1.527	0.153	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 (mg/g) = Milligram per Gram, , 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
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 #: BAL200904-020024 Order Date: 2020-09-04 Collection Date: 2020-09-08 Report Date: 2020-09-21

Batch #: 1202090
 Sample #: AAA0826
 Specimen Type: CBD/HEMP Derivative Products (Ingestion)
 Extracted From: Industrial Hemp
 Description: Relief+Relax FSO Tincture 1:1 Ratio (CBG 1000mg: CBD 1000mg)

Initial Gross Weight: 83.12 g
 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	Aflatoxin Total	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 #: BAL200904-020024

Order Date: 2020-09-04

Collection Date: 2020-09-08

Report Date: 2020-09-21

Batch #: 1202090

Sample #: AAA0826

Specimen Type: CBD/HEMP Derivative Products (Ingestion)

Extracted From: Industrial Hemp

Description: Relief+Relax FSO Tincture 1:1 Ratio (CBG 1000mg: CBD 1000mg)

Initial Gross Weight: 83.12 g

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	Chlorantranilprole	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	Etoxazole	1500	<LOQ	30	Ethoprophos	100	<LOQ	30
Fenoxycarb	100	<LOQ	30	Fenpyroximate	2000	<LOQ	30	Fenhexamid	3000	<LOQ	10
Fonicamid	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
Permethrintrans	1000	<LOQ	30	Phosmet	200	<LOQ	30	Permethrin	1000	<LOQ	30
Prallethrin	400	<LOQ	30	Propiconazole	1000	<LOQ	30	Permethrincis	1000	<LOQ	30
Pyrethrins	1000	<LOQ	30	Pyridaben	3000	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Spinosad	3000	<LOQ	30	Spinosyn A	3000	<LOQ	10	Propoxur	100	<LOQ	30
Spiromesifen	3000	<LOQ	30	Spirotetramat	3000	<LOQ	30	Spinetoram	3000	<LOQ	10
Tebuconazole	1000	<LOQ	30	Thiacloprid	100	<LOQ	30	Spinosyn D	3000	<LOQ	10
Trifloxystrobin	3000	<LOQ	30					Spiroxamine	100	<LOQ	30
								Thiamethoxam	1000	<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 #: BAL200904-020024

Order Date: 2020-09-04

Collection Date: 2020-09-08

Report Date: 2020-09-21

Batch #: 1202090

Sample #: AAA0826

Specimen Type: CBD/HEMP Derivative Products (Ingestion)

Extracted From: Industrial Hemp

Description: Relief+Relax FSO Tincture 1:1 Ratio (CBG 1000mg: CBD 1000mg)

Initial Gross Weight: 83.12 g

Method: SOP-3



Residual Solvents - BHB (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	0.16	1,2-Dimethoxyethane	100	<LOQ	0.04	1,2-dichloroethane	2	<LOQ	1.67
1,2-dimethylbenzene	1000	<LOQ	1.67	1,3-dimethylbenzene	1000	<LOQ	1.67	1,4 Dioxane	380	<LOQ	1.67
1-Butanol	5000	<LOQ	1.67	1-Pentanol	5000	<LOQ	1.67	1,4-dimethylbenzene	1000	<LOQ	1.67
2,2-dimethylbutane	290	<LOQ	1.67	2,3-dimethylbutane	290	<LOQ	1.67	1-Propanol	5000	<LOQ	1.67
2-Ethoxyethanol	160	<LOQ	1.67	2-methylbutane	5000	<LOQ	1.67	2-Butanol	5000	<LOQ	1.67
2-Propanol (IPA)	5000	<LOQ	1.67	3-Methylpentane	290	<LOQ	1.67	2-Butanone	5000	<LOQ	6.4
Acetonitrile	410	<LOQ	0.02	Benzene	2	<LOQ	1.67	2-Methylpentane	290	<LOQ	1.67
Chloroform	60	<LOQ	0.04	Cumene	70	<LOQ	1.67	Acetone	5000	<LOQ	1.67
Dichloromethane	600	<LOQ	1.67	Dimethyl sulfoxide	5000	<LOQ	1.67	Butane	2000	<LOQ	1.67
Ethyl Ether	5000	<LOQ	1.39	Ethylbenzene	1000	<LOQ	1.67	Cyclohexane	3880	<LOQ	1.67
Ethylene Oxide	5	<LOQ	0.1	Heptane	5000	<LOQ	1.67	Ethanol	5000	<LOQ	1.67
Hexane	290	<LOQ	1.17	Isopropyl acetate	5000	<LOQ	1.67	Ethyl Acetate	5000	<LOQ	1.11
Methanol	3000	<LOQ	0.69	Methylene chloride	600	<LOQ	2.43	Ethylene glycol	620	<LOQ	1.67
N,N-dimethylformamide	880	<LOQ	1.67	n-Hexane	290	<LOQ	1.67	Heptane	5000	<LOQ	1.67
Toluene	890	<LOQ	1.67	Propane	2100	<LOQ	1.67	Isopropyl alcohol	500	<LOQ	1.67
Xylenes(o)	1000	<LOQ	1.67	Sulfolane	160	<LOQ	1.67	Methylpropane	5000	<LOQ	1.67
				Total Xylenes	1000	<LOQ	1.67	N,N-dimethylacetamide	1090	<LOQ	1.67
				Xylenes(p/m)	1000	<LOQ	1.67	Pentane	5000	<LOQ	1.67
								Pyridine	100	<LOQ	1.67
								Tetrahydrofuran	720	<LOQ	1.67
								Trichloroethylene	80	<LOQ	0.49

(ppm) = Parts per Million, (ppm) = (µg/g), 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 #: BAL200904-020024 Order Date: 2020-09-04 Collection Date: 2020-09-08 Report Date: 2020-09-21

Batch #: 1202090
Sample #: AAA0826
Specimen Type: CBD/HEMP Derivative Products (Ingestion)
Extracted From: Industrial Hemp
Description: Relief+Relax FSO Tincture 1:1 Ratio (CBG 1000mg: CBD 1000mg)

Initial Gross Weight: 83.12 g
Method: SOP-3



Water Activity (Tested)

(Water Activity Analyzer)

Analyte	Result (aw)
Water Activity	0.282

(aw) = aw

Pathogenic SAE (qPCR) (Passed)

(qPCR)

Analyte	Result (cfu/g)	Analyte	Result (cfu/g)	Analyte	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	Absence in 1g	Pseudomonas aeruginosa	Absence in 1g	Staphylococcus aureus	Absence in 1g

(cfu/g) = Colony Forming Unit per Gram

Total Yeast and Mold (Passed)

(qPCR)

Analyte	Action Level (cfu/g)	Result (cfu/g)	Result
Total Yeast/Mold	100000	<10	Passed

(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