



CERTIFICATE OF ANALYSIS

Customer: Balanced Health Botanicals - Sheridan, CO 80110

Order #: 703587	Specimen Type: Extract	Initial Gross Weight: 17767.00(mg)
Batch #: 0219220S1	Description: 30mg Full Spectrum CBD Oil Tincture	Specimen Weight: 91.15(mg)
Order Date: 08/12/2019	Extracted From: Industrial Hemp	Net Weight: 680(mg)
Collection Date: 08/12/2019	Method: SOP-3	Density: 0.9738(g/ml)
Report Date: 08/20/2019		

Potency Details

Analyte			Result			LOQ			Analyte			Result			LOQ		
Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)		
CBC	3.208	0.329	0.001	CBCA	ND	0.001		CBD	61.018	6.266	0.001	CBD	61.018	6.266	0.001		
CBDA	2.302	0.236	0.001	CBDV	ND	0.001		CBDVA	ND	0.001		CBDVA	ND	0.001			
CBG	0.967	0.099	0.001	CBGA	ND	0.001		CBL	ND	0.001		CBL	ND	0.001			
CBN	0.190	0.019	0.001	CBNA	0.404	0.041	0.001	Delta-8-THC	ND	0.001		Delta-8-THC	ND	0.001			
Delta-9-THC	2.178	0.224	0.001	THCA-A	ND	0.001		THC	2.178	0.224	0.001	THC	2.178	0.224	0.001		
THCVA	ND	0.001		Total CBD	63.037	6.473	0.001	Total THC	2.178	0.224	0.001						

Potency Totals

Analyte	Result (mg)	(%)
CBD Total	44.016	6.473
THC Total	1.523	0.224
CBG Total	0.673	0.099
CBN Total	0.381	0.056
Other Cannabinoids Total	2.237	0.329
Total Detected Cannabinoids	48.838	7.182

Pesticides (Passed)

Analyte				Action Level				Result				LOQ				Analyte				Action Level				Result				LOQ							
Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)	Analyte	Action Level (ppm)	Result (ppm)	LOQ (ppm)								
Abamectin	0.500	<LOQ	0.100	Acephate	0.400	<LOQ	0.100	Acequinocyl	2.000	<LOQ	0.750	Abamectin	0.500	<LOQ	0.100	Aldicarb	0.400	<LOQ	0.100	Azoxystrobin	0.200	<LOQ	0.100	Acetamiprid	0.200	<LOQ	0.100	Bifenthrin	0.200	<LOQ	0.100	Boscalid	0.400	<LOQ	0.100
Acetamiprid	0.200	<LOQ	0.100	Bifenthrin	0.200	<LOQ	0.100	Carbofuran	0.200	<LOQ	0.100	Chlorantraniliprole	0.200	<LOQ	0.100	Carbaryl	0.200	<LOQ	0.100	Cypermethrin	1.000	<LOQ	0.100	Chlorpyrifos	0.200	<LOQ	0.100	Diazinon	0.200	<LOQ	0.100	Dichlorvos	0.100	<LOQ	0.100
Bifenazate	0.200	<LOQ	0.100	Fludioxonil	0.400	<LOQ	0.100	Ethoprophos	0.200	<LOQ	0.100	Hexythiazox	1.000	<LOQ	0.100	Dimethoate	0.200	<LOQ	0.100	Imidacloprid	0.400	<LOQ	0.100	Etiofenprox	0.400	<LOQ	0.100	Flonixamid	1.000	<LOQ	0.100	Fipronil	0.400	<LOQ	0.100
Carbaryl	0.200	<LOQ	0.100	Metalaxyl	0.200	<LOQ	0.100	Fipronil	0.400	<LOQ	0.100	Kresoxim Methyl	0.400	<LOQ	0.100	Chlorpyrifos	0.200	<LOQ	0.100	Methoxycarb	0.200	<LOQ	0.100	Imazalil	0.200	<LOQ	0.100	Methoxycarb	0.200	<LOQ	0.100				
Chlorpyrifos	0.200	<LOQ	0.100	MGK-264	0.200	<LOQ	0.100	Methoxycarb	0.200	<LOQ	0.100	Methoxycarb	0.200	<LOQ	0.100	Daminozide	1.000	<LOQ	0.100	Oxamyl	1.000	<LOQ	0.100	Malathion A	0.200	<LOQ	0.100	Permethrin	0.200	<LOQ	0.100	Methomyl	0.400	<LOQ	0.100
Daminozide	1.000	<LOQ	0.100	Permethrin	0.200	<LOQ	0.100	Myclobutanil	0.200	<LOQ	0.100	Parathion-methyl	0.200	<LOQ	0.100	Naled	0.500	<LOQ	0.100	Paclobutrazol	0.400	<LOQ	0.100	Methomyl	0.400	<LOQ	0.100	Prallethrin	0.200	<LOQ	0.100				
Dimethoate	0.200	<LOQ	0.100	Prallethrin	0.200	<LOQ	0.100	Propiconazole	0.400	<LOQ	0.100	Piperonylbutoxide	2.000	<LOQ	0.100	Propoxur	0.200	<LOQ	0.100	Phosmet	0.200	<LOQ	0.100	Parathion-methyl	0.200	<LOQ	0.100	Pyrethrins	1.000	<LOQ	0.100				
Etofenprox	0.400	<LOQ	0.100	Pyrethrins	1.000	<LOQ	0.100	Pvridaben	0.200	<LOQ	0.100	Propoxur	0.200	<LOQ	0.100	Spiromesifen	0.200	<LOQ	0.100	Propiconazole	0.400	<LOQ	0.100	Piperonylbutoxide	2.000	<LOQ	0.100	Spiromesifen	0.200	<LOQ	0.100				
Fipronil	0.400	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100	Tebuconazole	0.400	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100	Thiabendazole	0.200	<LOQ	0.100	Pvridaben	0.200	<LOQ	0.100	Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100				
Hexythiazox	1.000	<LOQ	0.100	Thiamethoxam	0.200	<LOQ	0.100	Trifloxystrobin	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					Spiromesifen	0.200	<LOQ	0.100	Piperonylbutoxide	2.000	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100				
Imazalil	0.200	<LOQ	0.100									Spirothram	0.400	<LOQ	0.100					Tebuconazole	0.400	<LOQ	0.100	Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100				
Malathion A	0.200	<LOQ	0.100									Thiabendazole	0.200	<LOQ	0.100					Trifloxystrobin	0.200	<LOQ	0.100	Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100				
Methomyl	0.400	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Naled	0.500	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Parathion-methyl	0.200	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Piperonylbutoxide	2.000	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Propoxur	0.200	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Spiromesifen	0.200	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Spirothram	0.400	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					
Thiabendazole	0.200	<LOQ	0.100																				Propoxur	0.200	<LOQ	0.100	Spirothram	0.400	<LOQ	0.100					

Thomas Farrell, MD
Lab Director

* 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 + THCVA. *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCVA. *Total (mg) = Total (%) * 100 * Net Weight(mg). ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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.

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



CERTIFICATE OF ANALYSIS

Customer: Balanced Health Botanicals - Sheridan, CO 80110

Order #: 703587	Specimen Type: Extract	Initial Gross Weight: 17767.00(mg)
Batch #: 0219220S1	Description: 30mg Full Spectrum CBD Oil Tincture	Specimen Weight: 91.15(mg)
Order Date: 08/12/2019	Extracted From: Industrial Hemp	Net Weight: 680(mg)
Collection Date: 08/12/2019	Method: SOP-3	Density: 0.9738(g/ml)
Report Date: 08/20/2019		

Residual Solvents (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	5,000.000	<LOQ	87.900	Benzene	1.600	<LOQ	1.600	Chloroform	53.000	<LOQ	53.000
Ethanol	5,000.000	<LOQ	26.700	I-Butane	5,000.000	<LOQ	100.000	Isopropanol	5,000.000	<LOQ	52.300
Methanol	3,000.000	<LOQ	87.900	N-Butane	5,000.000	<LOQ	200.000	Pentane	5,000.000	<LOQ	389.500
Toluene	890.000	<LOQ	38.400								

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)	500.000	<LOQ	100.000	Cadmium (Cd)	500.000	<LOQ	100.000	Lead (Pb)	500.000	<LOQ	100.000
Mercury (Hg)	500.000	<LOQ	100.000								

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	15.000	Aflatoxin B2		<LOQ	15.000	Aflatoxin G1		<LOQ	15.000
Aflatoxin G2		<LOQ	15.000	Aflatoxin Total	20.000	<LOQ	15.000	Ochratoxin A	20.000	<LOQ	15.000

Terpenes (GC/GCMS)

Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
3-Carene	ND	0.001	0.001	Alpha-Bisabolol	0.414	0.041	0.001	Alpha-Pinene	ND	0.002	0.002
Alpha-Terpinene	ND	0.001	0.001	Alpha-Terpineol	ND	0.001	0.001	Aromadendrene	ND	0.001	0.001
Beta-Myrcene	ND	0.001	0.001	Beta-Pinene	ND	0.001	0.001	Camphene	ND	0.001	0.001
Fenchol	ND	0.002	0.002	Gamma-Terpinene	ND	0.001	0.001	Gamma-Terpineol	ND	0.002	0.002
Geraniol	ND	0.001	0.001	Guaiol	ND	0.001	0.001	Humulene	ND	0.001	0.001
Isopulegol	ND	0.001	0.001	Linalool	ND	0.001	0.001	Nerolidol-1	ND	0.001	0.001
Nerolidol-2	ND	0.001	0.001	Ocimene-1	ND	0.001	0.001	Ocimene-2	ND	0.001	0.001
P-Cymene	ND	0.001	0.001	R-Limonene	ND	0.000	0.000	Terpinolene	ND	0.001	0.001
Trans-Caryophyllene	0.379	0.038	0.001								

Thomas Farrell, MD
Lab Director

* 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), ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene, <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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.

721 Cortaro Drive
Sun City Center, FL - 33573

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

E: info@acslabcannabis.com License No. 800025015
http://www.acslabcannabis.com CLIA No. 10D1094068



CERTIFICATE OF ANALYSIS



Customer: Balanced Health Botanicals - Sheridan, CO 80110

Order #: 703587	Specimen Type: Extract	Initial Gross Weight: 17767.00(mg)
Batch #: 0219220S1	Description: 30mg Full Spectrum CBD Oil Tincture	Specimen Weight: 91.15(mg)
Order Date: 08/12/2019	Extracted From: Industrial Hemp	Net Weight: 680(mg)
Collection Date: 08/12/2019	Method: SOP-3	Density: 0.9738(g/ml)
Report Date: 08/20/2019		

Microbiology (qPCR) (Passed) (qPCR)

Analyte	Result	Analyte	Result	Analyte	Result
Total Aerobic Count	Passed	Total Coliform	Passed	Total Enterobacteriaceae	Passed
Total Yeast/Mold	Passed				

Thomas Farrell, MD
Lab Director

* 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). ND = <LOQ, T-Caryophyllene = Trans-Caryophyllene. <LOQ = Less Than Limit of Quantitation, QNS = Quantity Not Sufficient. (%) = Percent, (ppm) = Parts per Million, (ppb) = Parts per Billion, (µg/Kg) = Microgram per Kilogram, (mg/g) = Milligram per Gram, ppm = (µg/g), ppb = (µg/kg).

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.

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
--	--	---	--