

Balanced Health
Botanicals
1500 W Hampden Ave
STE 5-G
Sheridan, CO 80110

Certificate of Analysis



Order #: BAL191118-030025 Order Date: 2019-11-18 Collection Date: 2019-11-19 Report Date: 2019-11-27

Batch #: 0119318C0 Initial Gross Weight: 52705g
Sample #: AAAA197 Method: SOP-3
Specimen Type:
Extracted From: Industrial Hemp
Description: 500mg CBDol Topical Salve




Potency Tested	Pesticides Passed	Residual Solvents Passed
Heavy Metals Passed	Mycotoxins Passed	Water Activity Passed
Microbiology Passed	Terpenes Tested	

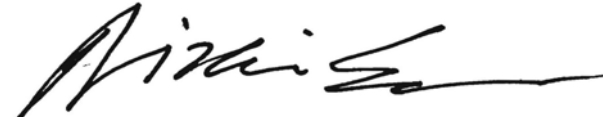
CBD Total 1.849%	THC Total 0.148%	CBG Total 0.050%
CBN Total Not Detected	Other Cannabinoids Total 0.095%	Total Detected Cannabinoids 2.141%

Potency - 11 (Tested)

Potency - 11 (Tested)								(HPLC)			
Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)	Analyte	Result (mg/g)	(%)	LOQ (%)
CBC	0.946	0.095	0.001	CBD	18.490	1.849	0.001	CBDA		ND	0.001
CBDV		ND	0.001	CBG	0.497	0.050	0.001	CBGA		ND	0.001
CBN		ND	0.001	Delta-8-THC		ND	0.001	Delta-9-THC	1.475	0.148	0.001
THCA-A		ND	0.001	THCV		ND	0.001	Total CBD	18.490	1.849	0.001
Total THC	1.475	0.148	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, , ND = <LOQ = Less Than Limit of Quantitation


Xueli Gao
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Lab Toxicologist


Aixia Sun
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Principal Scientist

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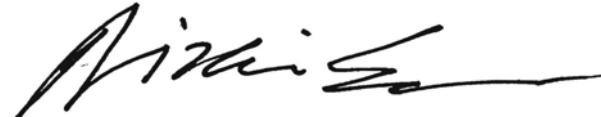
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Pesticides (Passed)								(LCMS/MS)			
Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)	Analyte	Action Level (ppb)	Result (ppb)	LOQ (ppb)
Abamectin	100	<LOQ	30	Acephate	100	<LOQ	30	Acequinocyl	100	<LOQ	48
Acetamiprid	100	<LOQ	30	Aldicarb	50	<LOQ	30	Azoxystrobin	50	<LOQ	30
Bifentazate	100	<LOQ	30	Bifenthrin	100	<LOQ	30	Chlorfenapyr	50	<LOQ	30
Chlorpyrifos	100	<LOQ	30	Clofentezine	200	<LOQ	30	Coumaphos	50	<LOQ	30
Cyfluthrin	100	<LOQ	30	Cypermethrin	500	<LOQ	30	Daminozide	500	<LOQ	30
DDVP(Dichlorvos)	100	<LOQ	30	Diazinon	50	<LOQ	30	Dimethoate	50	<LOQ	30
Dimethomorph	50	<LOQ	30	Ethoprop(hos)	50	<LOQ	30	Etofenprox	50	<LOQ	30
Etoxazole	50	<LOQ	30	Fenhexamid	100	<LOQ	30	Fenoxycarb	50	<LOQ	30
Fipronil	50	<LOQ	30	Flonicamid	400	<LOQ	30	Fludioxonil	100	<LOQ	30
Hexythiazox	250	<LOQ	30	Imazalil	100	<LOQ	30	Imidacloprid	100	<LOQ	30
Kresoxim Methyl	100	<LOQ	30	Malathion A	50	<LOQ	30	Metalaxyl	50	<LOQ	30
Methiocarb	50	<LOQ	30	Methomyl	100	<LOQ	30	Mevinphos	50	<LOQ	30
Myclobutanil	100	<LOQ	30	Naled	250	<LOQ	30	Oxamyl	250	<LOQ	30
Pacllobutrazol	50	<LOQ	30	Parathion-methyl	100	<LOQ	30	Pentachloronitrobenzene	150	<LOQ	30
Permethrin	100	<LOQ	30	Phosmet	100	<LOQ	30	Piperonylbutoxide	3000	<LOQ	30
Prallethrin	100	<LOQ	30	Propiconazole	100	<LOQ	30	Propoxur	100	<LOQ	30
Pyrethrins	500	<LOQ	30	Pyridaben	200	<LOQ	30	Spinetoram	200	<LOQ	30
Spinosyn A	100	<LOQ	30	Spinosyn D	100	<LOQ	30	Spiromesifen	100	<LOQ	30
Spirotetramat	100	<LOQ	30	Spiroxamine	50	<LOQ	30	Tebuconazole	50	<LOQ	30
Thiacloprid	50	<LOQ	30	Thiamethoxam	50	<LOQ	30	Trifloxystrobin	100	<LOQ	30

(ppb) = Parts per Billion, (ppb) = (µg/kg), , ND = <LOQ = Less Than Limit of Quantitation


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Residual Solvents - FL (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-Dichloroethen-e	8	<LOQ	0.132	1,2-dichloroethan-e	2	<LOQ	0.032	Acetone	750	<LOQ	12
Acetonitrile	60	<LOQ	0.96	Benzene	1	0.639	0.016	Butanes	2000	<LOQ	13.32
Chloroform	2	<LOQ	0.032	Ethanol	5000	<LOQ	16	Ethyl Acetate	400	<LOQ	6.4
Ethyl Ether	500	<LOQ	8	Ethylene Oxide	5	<LOQ	0.32	Heptane	500	<LOQ	8
Hexane	250	<LOQ	0.8	Isopropyl alcohol	500	<LOQ	8	Methanol	250	<LOQ	4
Methylene chloride	125	<LOQ	2	Pentane	750	<LOQ	12	Propane	2100	<LOQ	26.668
Toluene	150	<LOQ	2.4	Total Xylenes	150	<LOQ	7.2	Trichloroethene	25	<LOQ	0.4

(ppm) = Parts per Million, (ppm) = (µg/g), , ND = <LOQ = Less Than Limit of Quantitation

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	<LOQ	100	Cadmium (Cd)	500	<LOQ	100	Lead (Pb)	500	<LOQ	100
Mercury (Hg)	500	<LOQ	100								

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Mycotoxins (Passed)

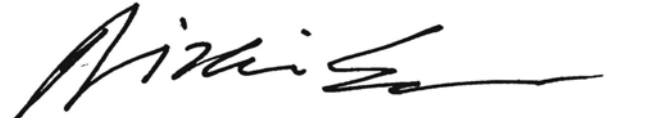
(LCMS/MS)

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

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