



CERTIFICATE OF ANALYSIS

Customer: Balanced Health Botanicals - Sheridan, CO 80110

Order #: 704270	Specimen Type: Extract	Initial Gross Weight: 10665.00(mg)
Batch #: 1719231V3	Description: TEC Vape Grape	Specimen Weight: 108.06(mg)
Order Date: 08/26/2019	Extracted From: Industrial Hemp	Density: 1.055321(g/ml)
Collection Date: 08/26/2019	Method: SOP-3	
Report Date: 08/31/2019		

Potency (HPLC)											
Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	(%)	LOQ (%)	Analyte	Result (mg/ml)	LOQ (%)	
CBC	ND		0.001	CBCA	ND		0.001	CBD	440.913	41.780	0.001
CBDA	ND		0.001	CBDV	1.299	0.123	0.001	CBDVA	ND		0.001
CBG	ND		0.001	CBGA	ND		0.001	CBL	ND		0.001
CBN	0.776	0.074	0.001	CBNA	ND		0.001	Delta-8-THC	ND		0.001
Delta-9-THC	ND		0.001	THCA-A	ND		0.001	THC	0.393	0.037	0.001
THCVA	ND		0.001	Total CBD	440.913	41.780	0.001	Total THC	ND		0.001

Pesticides (Passed) (LCMS/MS)											
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
Acetamiprid	0.200	<LOQ	0.100	Aldicarb	0.400	<LOQ	0.100	Azoxystrobin	0.200	<LOQ	0.100
Bifenazate	0.200	<LOQ	0.100	Bifenthrin	0.200	<LOQ	0.100	Boscalid	0.400	<LOQ	0.100
Carbaryl	0.200	<LOQ	0.100	Carbofuran	0.200	<LOQ	0.100	Chlorantraniliprole	0.200	<LOQ	0.100
Chlorpyrifos	0.200	<LOQ	0.100	Clofentezine	0.200	<LOQ	0.100	Cypermethrin	1.000	<LOQ	0.100
Daminozide	1.000	<LOQ	0.100	Diazinon	0.200	<LOQ	0.100	Dichlorvos	0.100	<LOQ	0.100
Dimethoate	0.200	<LOQ	0.100	Ethionphos	0.200	<LOQ	0.100	Etofenprox	0.400	<LOQ	0.100
Etoxazole	0.200	<LOQ	0.100	Fenoxycarb	0.200	<LOQ	0.100	Fipronil	0.400	<LOQ	0.100
Fonicamid	1.000	<LOQ	0.100	Fludioxonil	0.400	<LOQ	0.100	Hexythiazox	1.000	<LOQ	0.100
Imazalil	0.200	<LOQ	0.100	Imidacloprid	0.400	<LOQ	0.100	Kresoxim Methyl	0.400	<LOQ	0.100
Malathion A	0.200	<LOQ	0.100	Metalaxyl	0.200	<LOQ	0.100	Methiocarb	0.200	<LOQ	0.100
Methomyl	0.400	<LOQ	0.100	MGK-264	0.200	<LOQ	0.100	Myclobutanil	0.200	<LOQ	0.100
Naled	0.500	<LOQ	0.100	Oxamyl	1.000	<LOQ	0.100	Paclobutrazol	0.400	<LOQ	0.100
Parathion-methyl	0.200	<LOQ	0.250	Permethrin	0.200	<LOQ	0.100	Phosmet	0.200	<LOQ	0.100
Piperonylbutoxide	2.000	<LOQ	0.100	Prallethrin	0.200	<LOQ	0.100	Propiconazole	0.400	<LOQ	0.100
Propoxur	0.200	<LOQ	0.100	Pyrethrins	1.000	<LOQ	0.100	Pyridaben	0.200	<LOQ	0.100
Spinosyn A	0.200	<LOQ	0.100	Spinosyn D	0.200	<LOQ	0.100	Spiromesifen	0.200	<LOQ	0.100
Spirotetramat	0.200	<LOQ	0.100	Spiroxamine	0.400	<LOQ	0.100	Tebuconazole	0.400	<LOQ	0.100
Thiacloprid	0.200	<LOQ	0.100	Thiamethoxam	0.200	<LOQ	0.100	Trifloxystrobin	0.200	<LOQ	0.100

Thomas Farrell, MD
Lab Director

* Total CBD = CBD + (CBD-A * 0.877). Total THC = THCA-A * 0.877 + Delta 9 THC, 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).

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Collection Date: 08/26/2019	Method: SOP-3	
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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	Alpha-Bisabolol	14.520	1.452	0.001	Alpha-Pinene		ND	0.002
Alpha-Terpinene		ND	0.001	Alpha-Terpineol	3.900	0.390	0.001	Aromadendrene		ND	0.001
Beta-Myrcene	8.520	0.852	0.001	Beta-Pinene	1.580	0.158	0.001	Camphene		ND	0.001
Fenchol	4.530	0.453	0.002	Gamma-Terpinene		ND	0.001	Gamma-Terpineol	0.570	0.057	0.002
Geraniol		ND	0.001	Guaiol		ND	0.001	Humulene	0.960	0.096	0.001
Isopulegol		ND	0.001	Linalool	8.770	0.877	0.001	Nerolidol-1		ND	0.001
Nerolidol-2		ND	0.001	Ocimene-1	0.280	0.028	0.001	Ocimene-2		ND	0.001
P-Cymene		ND	0.001	R-Limonene	13.600	1.360	0.000	Terpinolene	1.880	0.188	0.001
Trans-Caryophyllene	18.340	1.834	0.001								

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Microbiology (qPCR) (Passed) (qPCR)

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

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