



Certificate of Analysis

Product: Martha Stewart 600 mg CBD Pet Tincture (Chicken)

Batch Number: 353058

<u>Characteristic</u>	<u>Instrument</u>	<u>Specification</u>	<u>Result</u>	<u>Pass/ Fail</u>
<i>Strength - Cannabinoids</i>				
Maximum Total CBD ¹	HPLC	600.0 – 816.0 mg/bottle	682.7 mg	Pass
Maximum Total THC ¹	HPLC	Not Detected (LoD 0.02%)	Not Detected	Pass
<i>Microbial Purity</i>				
Total Aerobic Microbial Count	USP <2021>	< 3,000 CFU/g	< 10 CFU/g	Pass
Total Yeast & Mold Count	USP <2021>	≤ 300 CFU/g	< 10 CFU/g	Pass
<i>E. coli</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass
<i>Salmonella spp.</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass
<i>Staphylococcus aureus</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass
<i>Contaminants - Heavy Metals</i>				
Arsenic	USP <233>	< 10.00 µg/day	0.054 µg/day	Pass
Cadmium	USP <233>	< 4.10 µg/day	0.008 µg/day	Pass
Lead	USP <233>	< 0.50 µg/day	0.044 µg/day	Pass
Mercury	USP <233>	< 0.30 µg/day	< 0.002 µg/day	Pass
<i>Contaminants - Residual Solvents</i>				
Propane	GC-MS	Not Detected (LoD 103 ppm)	Not Detected	Pass
Butanes (Isobutane, n-Butane)	GC-MS	Not Detected (LoD 194 ppm)	Not Detected	Pass
Methanol	GC-MS	Not Detected (LoD 77 ppm)	Not Detected	Pass
Pentane	GC-MS	Not Detected (LoD 104 ppm)	Not Detected	Pass
Ethanol	GC-MS	Not Detected (LoD 106 ppm)	Not Detected	Pass
Acetone	GC-MS	Not Detected (LoD 124 ppm)	Not Detected	Pass
Isopropyl Alcohol	GC-MS	Not Detected (LoD 130 ppm)	Not Detected	Pass
Hexane	GC-MS	Not Detected (LoD 7 ppm)	Not Detected	Pass
Ethyl Acetate	GC-MS	Not Detected (LoD 126 ppm)	Not Detected	Pass
Benzene	GC-MS	Not Detected (LoD 0.24 ppm)	Not Detected	Pass
Heptanes	GC-MS	Not Detected (LoD 118 ppm)	Not Detected	Pass
Toluene	GC-MS	Not Detected (LoD 23 ppm)	Not Detected	Pass
Xylenes (m,p,o-Xylenes)	GC-MS	Not Detected (LoD 166 ppm)	Not Detected	Pass



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<i>Contaminants - Pesticides</i>				
Acephate	LC-MS-MS	Not Detected (LoD 53 ppb)	Not Detected	Pass
Acetamiprid	LC-MS-MS	Not Detected (LoD 50 ppb)	Not Detected	Pass
Abamectin	LC-MS-MS	Not Detected (LoD 343 ppb)	Not Detected	Pass
Azoxystrobin	LC-MS-MS	Not Detected (LoD 55 ppb)	Not Detected	Pass
Bifenazate	LC-MS-MS	Not Detected (LoD 112 ppb)	Not Detected	Pass
Boscalid	LC-MS-MS	Not Detected (LoD 56 ppb)	Not Detected	Pass
Carbaryl	LC-MS-MS	Not Detected (LoD 53 ppb)	Not Detected	Pass
Carbofuran	LC-MS-MS	Not Detected (LoD 48 ppb)	Not Detected	Pass
Chlorantraniliprole	LC-MS-MS	Not Detected (LoD 59 ppb)	Not Detected	Pass
Chlorpyrifos	LC-MS-MS	Not Detected (LoD 49 ppb)	Not Detected	Pass
Clofentezine	LC-MS-MS	Not Detected (LoD 268 ppb)	Not Detected	Pass
Diazinon	LC-MS-MS	Not Detected (LoD 356 ppb)	Not Detected	Pass
Dichlorvos	LC-MS-MS	Not Detected (LoD 325 ppb)	Not Detected	Pass
Dimethoate	LC-MS-MS	Not Detected (LoD 52 ppb)	Not Detected	Pass
E-Fenpyroximate	LC-MS-MS	Not Detected (LoD 367 ppb)	Not Detected	Pass
Etofenprox	LC-MS-MS	Not Detected (LoD 54 ppb)	Not Detected	Pass
Etoxazole	LC-MS-MS	Not Detected (LoD 364 ppb)	Not Detected	Pass
Fenoxycarb	LC-MS-MS	Not Detected (LoD 55 ppb)	Not Detected	Pass
Fipronil	LC-MS-MS	Not Detected (LoD 60 ppb)	Not Detected	Pass
Fonicamid	LC-MS-MS	Not Detected (LoD 54 ppb)	Not Detected	Pass
Fludioxonil	LC-MS-MS	Not Detected (LoD 329 ppb)	Not Detected	Pass
Hexythiazox	LC-MS-MS	Not Detected (LoD 43 ppb)	Not Detected	Pass
Imazalil	LC-MS-MS	Not Detected (LoD 347 ppb)	Not Detected	Pass
Imidacloprid	LC-MS-MS	Not Detected (LoD 49 ppb)	Not Detected	Pass
Kresoxim-methyl	LC-MS-MS	Not Detected (LoD 55 ppb)	Not Detected	Pass
Malathion	LC-MS-MS	Not Detected (LoD 353 ppb)	Not Detected	Pass
Metalaxyl	LC-MS-MS	Not Detected (LoD 59 ppb)	Not Detected	Pass
Methiocarb	LC-MS-MS	Not Detected (LoD 52 ppb)	Not Detected	Pass
Methomyl	LC-MS-MS	Not Detected (LoD 53 ppb)	Not Detected	Pass
MGK 264 1	LC-MS-MS	Not Detected (LoD 198 ppb)	Not Detected	Pass
MGK 264 2	LC-MS-MS	Not Detected (LoD 145 ppb)	Not Detected	Pass
Myclobutanil	LC-MS-MS	Not Detected (LoD 58 ppb)	Not Detected	Pass
Naled	LC-MS-MS	Not Detected (LoD 52 ppb)	Not Detected	Pass
Oxamyl	LC-MS-MS	Not Detected (LoD 53 ppb)	Not Detected	Pass
Paclbutrazol	LC-MS-MS	Not Detected (LoD 54 ppb)	Not Detected	Pass
Permethrin	LC-MS-MS	Not Detected (LoD 352 ppb)	Not Detected	Pass
Phosmet	LC-MS-MS	Not Detected (LoD 58 ppb)	Not Detected	Pass
Prophos	LC-MS-MS	Not Detected (LoD 334 ppb)	Not Detected	Pass
Propoxur	LC-MS-MS	Not Detected (LoD 49 ppb)	Not Detected	Pass
Pyridaben	LC-MS-MS	Not Detected (LoD 365 ppb)	Not Detected	Pass
Spinosad A	LC-MS-MS	Not Detected (LoD 37 ppb)	Not Detected	Pass
Spinosad D	LC-MS-MS	Not Detected (LoD 102 ppb)	Not Detected	Pass
Spiromesifen	LC-MS-MS	Not Detected (LoD 332 ppb)	Not Detected	Pass
Spirotetramat	LC-MS-MS	Not Detected (LoD 350 ppb)	Not Detected	Pass



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<i>Contaminants – Pesticides cont.</i>				
Spiroxamine 1	LC-MS-MS	Not Detected (LoD 22 ppb)	Not Detected	Pass
Spiroxamine 2	LC-MS-MS	Not Detected (LoD 26 ppb)	Not Detected	Pass
Tebuconazole	LC-MS-MS	Not Detected (LoD 336 ppb)	Not Detected	Pass
Thiacloprid	LC-MS-MS	Not Detected (LoD 54 ppb)	Not Detected	Pass
Thiamethoxam	LC-MS-MS	Not Detected (LoD 55 ppb)	Not Detected	Pass
Trifloxystrobin	LC-MS-MS	Not Detected (LoD 50 ppb)	Not Detected	Pass

¹ All cannabinoids in their acid forms (ending in “a”) are convertible to their non-acid forms via a decarboxylation process (heating). The THC and CBD maximum values reported are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated.

Approved By: *Dylan Neal*

Date: 12/29/2020