



The Trusted Lab

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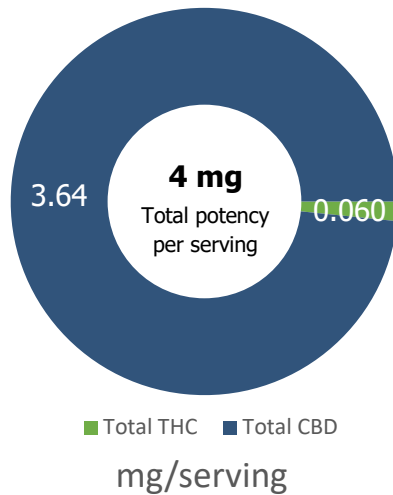
Tasty Dog Treats, Pet Chews

| | | | |
|---------------|---------------|-----------------|------------------|
| Order ID#: | 20210910-1151 | Lab Code#: | LC-20210910-2998 |
| Product Type: | Edible | Date sampled: | 7-Sep-2021 |
| Lot Number: | NA | Date received: | 10-Sep-2021 |
| Batch Number: | NA | Completed: | 21-Sep-2021 |
| | | Report expires: | 21-Sep-2022 |

SAFETY ANALYSIS

| | | | | |
|----------------------------------|----------------------------------|----------------------------------|------------------------------|--------------------------------|
| Microbials PASS | Mycotoxins PASS | Pesticides PASS | Metals PASS | Solvents PASS |
|----------------------------------|----------------------------------|----------------------------------|------------------------------|--------------------------------|

CANNABINOID PROFILE



TOP TERPENES PROFILE (ppm)



| Terpene | Result (ppm) | Result (%) |
|------------------------|--------------|------------|
| Linalool | 7.43 | 0.00074 |
| β -Caryophyllene | 3.44 | 0.00034 |
| α -Humulene | 3.21 | 0.00032 |
| p-Cymene | 0.47 | 0.00005 |

Edible
Weight (mg)
11.329

Edibles per
Serving
1

Servings per
Package
5

WATER DETERMINATIONS

Water activity

| | |
|-----------------|-------------|
| Analysis Batch: | WO-21091023 |
| Analysis Date: | 13-Sep-2021 |
| Result: | 0.4812 |
| Instrument: | I40 |

% Moisture

| | |
|-----------------|-------------|
| Analysis Batch: | WO-21091023 |
| Analysis Date: | 13-Sep-2021 |
| Result: | 1.24% |
| Instrument: | E15 |

Comments:

Weight uniformity:
Average weight of 5 pet chews.

Authorization



Steven Perez, Laboratory Director
Approval Date: 21-Sep-2021

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017 (#102139), such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

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CANNABINOIDS

| Analyte | % | mg/g | mg/serving | mg/package |
|---------|--------|---------|------------|------------|
| THCA-A | ND | ND | ND | ND |
| Δ9-THC | 0.0005 | 0.00532 | 0.06030 | 0.3015 |
| CBDA | ND | ND | ND | ND |
| CBD | 0.0321 | 0.3209 | 3.635 | 18.18 |
| CBN | ND | ND | ND | ND |
| CBDV | ND | ND | ND | ND |
| Δ8-THC | ND | ND | ND | ND |
| THCV | ND | ND | ND | ND |
| CBG | 0.0014 | 0.0136 | 0.1539 | 0.7693 |
| CBGA | ND | ND | ND | ND |
| CBC | 0.0011 | 0.0114 | 0.1289 | 0.6444 |

Total THC ^a 0.01 mg/g
0.001% **PASS**

Total CBD ^b 0.3 mg/g
3.6 mg/serving

TOTAL ^c 0.4 mg/g
4 mg/serving

Analysis Batch: WO-21091017
Analysis Date: Tuesday, September 14, 2021
Test Method: SOP 6.6 (HPLC)
Instrument: Agilent HPLC Instrument 33

^a Total THC is calculated as THC + (THCA × 0.877).
^b Total CBD is calculated as CBD + (CBDA × 0.877).
^c Total cannabinoids is the absolute sum of all cannabinoids above the level of detection.

TERPENES

| Analyte | Result (µg/g) | Result (%) |
|---------------------|---------------|------------|
| α-Bisabolol | ND | ND |
| α-Humulene | 3.210 | 0.00032 |
| α-Pinene | ND | ND |
| α-Terpinene | ND | ND |
| β-Caryophyllene | 3.440 | 0.00034 |
| β-Myrcene | ND | ND |
| β-Ocimene 1 | ND | ND |
| β-Ocimene 2 | ND | ND |
| β-Pinene | ND | ND |
| Camphene | ND | ND |
| Caryophyllene-oxide | ND | ND |
| δ-3-Carene | ND | ND |

| Analyte | Result (µg/g) | Result (%) |
|------------------------|---------------|---------------|
| D-Limonene | ND | ND |
| Eucalyptol | ND | ND |
| γ-Terpinene | ND | ND |
| Geraniol | ND | ND |
| Guaiol | ND | ND |
| Isopulegol | ND | ND |
| Linalool | 7.430 | 0.00074 |
| Nerolidol 1 | ND | ND |
| Nerolidol 2 | ND | ND |
| p-Cymene | 0.4700 | 0.00005 |
| Terpinolene | ND | ND |
| Total Terpenes: | 14.55 | 0.0015 |

LOD = 0.0002%

Analysis Batch: WO-21091022
Analysis Date: Wednesday, September 15, 2021

Test Method: SOP 6.9
Instrument: Agilent GC-FID/MS, Instrument 36

Comments:

None.

Authorization



Steven Perez, Laboratory Director
Approval Date: 21-Sep-2021

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PESTICIDES

| Analyte | Action Level | Result (µg/g) |
|----------------------|--------------|---------------|
| Abamectin | 0.30 | ND - Pass |
| Acephate | 3.00 | ND - Pass |
| Acequinocyl | 2.00 | ND - Pass |
| Acetamiprid | 3.00 | ND - Pass |
| Aldicarb | 0.10 | ND - Pass |
| Azoxystrobin | 3.00 | ND - Pass |
| Bifenazate | 3.00 | ND - Pass |
| Bifenthrin* | 0.50 | ND - Pass |
| Boscalid* | 3.00 | ND - Pass |
| Captan | 3.00 | ND - Pass |
| Carbaryl | 0.50 | ND - Pass |
| Carbofuran | 0.10 | ND - Pass |
| Chlorantraniliprole | 3.00 | ND - Pass |
| Chlordane* | 0.10 | ND - Pass |
| Chlorfenapyr | 0.05 | ND - Pass |
| Chlormequat chloride | 3.00 | ND - Pass |
| Chlorpyrifos* | 0.10 | ND - Pass |
| Clofentezine | 0.50 | ND - Pass |
| Coumaphos | 0.10 | ND - Pass |
| Cyfluthrin* | 1.00 | ND - Pass |
| Cypermethrin* | 1.00 | ND - Pass |
| Daminozide | 0.10 | ND - Pass |
| Diazinon | 0.20 | ND - Pass |
| Dichlorvos | 0.10 | ND - Pass |
| Dimethoate | 0.10 | ND - Pass |
| Dimethomorph (I/II) | 3.00 | ND - Pass |
| Ethoprophos | 0.10 | ND - Pass |
| Etofenprox | 0.10 | ND - Pass |
| Etoxazole | 1.50 | ND - Pass |
| Fenhexamid | 3.00 | ND - Pass |
| Fenoxycarb | 0.10 | ND - Pass |
| Fenpyroximate | 2.00 | ND - Pass |
| Fipronil | 0.10 | ND - Pass |
| Fonicamid | 2.00 | ND - Pass |

| Analyte | Action Level | Result (µg/g) |
|------------------------|--------------|---------------|
| Fludioxonil | 3.00 | ND - Pass |
| Hexythiazox | 2.00 | ND - Pass |
| Imazalil | 0.10 | ND - Pass |
| Imidacloprid | 3.00 | ND - Pass |
| Kresoxim methyl | 1.00 | ND - Pass |
| Malathion | 2.00 | ND - Pass |
| Metalaxyl | 3.00 | ND - Pass |
| Methiocarb | 0.10 | ND - Pass |
| Methomyl | 0.10 | ND - Pass |
| Methyl parathion* | 0.10 | ND - Pass |
| Mevinphos (I/II) | 0.10 | ND - Pass |
| Myclobutanil | 3.00 | ND - Pass |
| Naled | 0.50 | ND - Pass |
| Oxamyl | 0.50 | ND - Pass |
| Paclbutrazol | 0.10 | ND - Pass |
| Pentachloronitrobenzer | 0.20 | ND - Pass |
| Permethrin* | 1.00 | ND - Pass |
| Phosmet | 0.20 | ND - Pass |
| Piperonyl butoxide | 3.00 | ND - Pass |
| Prallethrin | 0.40 | ND - Pass |
| Propiconazole | 1.00 | ND - Pass |
| Propoxur | 0.10 | ND - Pass |
| Pyrethrins | 1.00 | ND - Pass |
| Pyridaben | 3.00 | ND - Pass |
| Spinetoram (J/L) | 3.00 | ND - Pass |
| Spinosad A + D | 3.00 | ND - Pass |
| Spiromesifen | 3.00 | ND - Pass |
| Spirotetramat | 3.00 | ND - Pass |
| Spiroxamine (I/II) | 0.10 | ND - Pass |
| Tebuconazole | 1.00 | ND - Pass |
| Thiacloprid | 0.10 | ND - Pass |
| Thiamethoxam | 1.00 | ND - Pass |
| Trifloxystrobin | 3.00 | ND - Pass |

* Denotes analysis by GC-MS/MS

Analysis Batch: WO-21091018
Analysis Date (LC): Tuesday, September 14, 2021
Analysis Date (GC): Tuesday, September 14, 2021

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32
Instrument: Agilent GC-MS/MS, Instrument 34

Comments:

None.

Authorization



Steven Perez, Laboratory Director
 Approval Date: 21-Sep-2021

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MYCOTOXINS

| Analyte | Action Limit | Result | Report | LOD | Unit |
|------------------|--------------|--------|--------|-------|------|
| Aflatoxin, Total | 0.020 | ND | Pass | 0.005 | µg/g |
| Ochratoxin A | 0.020 | ND | Pass | 0.005 | µg/g |

* Total Aflatoxin includes B1, B2, G1 and G2.

Analysis Batch: WO-21091018
Analysis Date: Tuesday, September 14, 2021
Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32

RESIDUAL SOLVENTS

| Analyte | Action Level | Result (µg/g) | Analyte | Action Level | Result (µg/g) |
|--------------------|--------------|---------------|--------------------|--------------|---------------|
| 1,2-Dichloroethane | 5 | ND - Pass | Heptane | 5000 | ND - Pass |
| Acetone | 5000 | ND - Pass | Hexane | 290 | ND - Pass |
| Acetonitrile | 410 | ND - Pass | Isopropyl Alcohol | 500 | ND - Pass |
| Benzene | 2 | ND - Pass | Methanol | 3000 | ND - Pass |
| Butane | 2000 | ND - Pass | Methylene Chloride | 600 | ND - Pass |
| Chloroform | 60 | ND - Pass | Pentane | 5000 | ND - Pass |
| Ethanol | 5000 | ND - Pass | Propane | 2100 | ND - Pass |
| Ethyl Acetate | 5000 | ND - Pass | Toluene | 890 | ND - Pass |
| Ethyl Ether | 5000 | ND - Pass | Trichloroethylene | 80 | ND - Pass |
| Ethylene Oxide | 5 | ND - Pass | Xylenes, Total | 2170 | ND - Pass |

LOD = 20 µg/g

Analysis Batch: WO-21091021
Analysis Date: Friday, September 17, 2021
Test Method: SOP 6.8
Instrument: Agilent GC-FID/MS, Instrument 36

MICROBIAL CONTAMINANTS

| Test | Specification | Result | Units | Report |
|-------------------------------------|-----------------|----------|-------|--------|
| Shiga toxin-producing E.coli (STEC) | Negative in 1 g | Negative | -- | Pass |
| Salmonella | Negative in 1 g | Negative | -- | Pass |
| Listeria | Negative in 1 g | Negative | -- | Pass |

Analysis Batch: WO-21091020
Analysis Date: Tuesday, September 14, 2021
Test Method: SOP 6.11 (qPCR)
Instrument: Agilent AriaMX, Instrument 43

HEAVY METALS

| Element | Action Limit | Result | Report | LOD | Unit |
|---------|--------------|--------|--------|-------|------|
| Lead | 0.50 | ND | Pass | 0.050 | µg/g |
| Arsenic | 1.5 | ND | Pass | 0.050 | µg/g |
| Mercury | 3.0 | ND | Pass | 0.005 | µg/g |
| Cadmium | 0.50 | ND | Pass | 0.050 | µg/g |

Analysis Batch: WO-21091019
Analysis Date: Tuesday, September 14, 2021
Test Method: SOP 6.10
Instrument: Agilent ICP/MS, Instrument 37

Comments:

None.

Authorization



Steven Perez, Laboratory Director
 Approval Date: 21-Sep-2021

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- end of report -