



1 Winners Circle
Albany, NY, 12205, US
(833) 465-8378

Sample:AL40203001-014
Batch#: IGF012224-001
Seed to Sale# NA
Sample Size Received: 5 units
Total Amount: 493 units
Retail Product Size: 7 gram
Sampled: 01/23/24 12:45 PM
Sampling Start: 12:45 PM
Sampling End: 01:08 PM
Sampling Method: SOP.T.20.010.NY

Certificate of Analysis

FOR COMPLIANCE

PASSED

Pages 1 of 6

Hepworth Ag, Inc.
License # : OCM-AUCP-22-000021
61 Old Indian Trail
Milton, NY, 12547, US

| PRODUCT IMAGE | SAFETY RESULTS | | | | | | | | MISC. |
|--|--|--|--|--|--|---|--|--|--|
|  |  Pesticides PASSED |  Heavy Metals PASSED |  Microbials PASSED |  Mycotoxins PASSED |  Residuals Solvents PASSED |  Filtration PASSED |  Water Activity PASSED |  Moisture PASSED |  Terpenes TESTED |

Cannabinoid **PASSED**



| | (6AR,9R) D10-THC | (6AR,9S) D10-THC | CBC | CBD | CBDA | CBDV | CBG | CBGA | CBN | DB-THC | D9-THC | THCA | THCV |
|---------|---------------------|---------------------|--------|---------|---------|---------|--------|--------|--------|---------|----------|----------|---------|
| % | <0.1000 | <0.1000 | 0.3503 | <0.1000 | <0.1000 | <0.1000 | 0.8508 | 0.4212 | 0.2493 | <0.1000 | 20.3678 | 19.2027 | <0.1000 |
| mg/unit | <7.000 | <7.000 | 24.521 | <7.000 | <7.000 | <7.000 | 59.556 | 29.484 | 17.451 | <7.000 | 1425.746 | 1344.189 | <7.000 |
| LOQ | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 | 0.1000 |
| | % | % | % | % | % | % | % | % | % | % | % | % | % |

Weight: 0.2013g
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 02/06/24 11:47:41

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Erica Troy
Lab Director

NY Permit # OCM-CPL-2022-00006
ISO 17025 Accreditation # 97164



Signature
02/08/24



Certificate of Analysis

PASSED

Hepworth Ag, Inc.

61 Old Indian Trail
Milton, NY, 12547, US
Telephone: (845) 597-1086
Email: amy.weidner@hepworthpura.com
License # : OCM-AUCP-22-000021

Sample : AL40203001-014

Batch# : IGF012224-001
Sampled : 01/23/24 12:45 PM

Sample Size Received : 5 units
Total Amount : 493 units
Sampling Method : SOP.T.20.010.NY

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Terpenes

TESTED

| Terpenes | LOQ (%) | mg/unit | % | Result (%) | Terpenes | LOQ (%) | mg/unit | % | Result (%) |
|---------------------|---------|---------|-------------|------------|---------------------|---------|---------|-------|------------|
| BETA-MYRCENE | 0.00 | 59.5 | 0.85 | | BETA-MYRCENE | 0.00 | 59.5 | 0.85 | |
| BETA-CARYOPHYLLENE | 0.00 | 34.3 | 0.49 | | BETA-CARYOPHYLLENE | 0.00 | 34.3 | 0.49 | |
| LIMONENE | 0.00 | 34.3 | 0.49 | | LIMONENE | 0.00 | 34.3 | 0.49 | |
| LINALOOL | 0.00 | 12.6 | 0.18 | | LINALOOL | 0.00 | 12.6 | 0.18 | |
| ALPHA-HUMULENE | 0.00 | 11.9 | 0.17 | | ALPHA-HUMULENE | 0.00 | 11.9 | 0.17 | |
| BETA-PINENE | 0.00 | 5.6 | 0.08 | | BETA-PINENE | 0.00 | 5.6 | 0.08 | |
| ALPHA TERPINEOL | 0.00 | 4.2 | 0.06 | | ALPHA TERPINEOL | 0.00 | 4.2 | 0.06 | |
| FENCHYL ALCOHOL | 0.00 | 4.2 | 0.06 | | FENCHYL ALCOHOL | 0.00 | 4.2 | 0.06 | |
| ALPHA-BISABOLOL | 0.00 | 2.8 | 0.04 | | ALPHA-BISABOLOL | 0.00 | 2.8 | 0.04 | |
| ALPHA-PINENE | 0.00 | 2.8 | 0.04 | | ALPHA-PINENE | 0.00 | 2.8 | 0.04 | |
| CARYOPHYLLENE OXIDE | 0.00 | 1.4 | 0.02 | | CARYOPHYLLENE OXIDE | 0.00 | 1.4 | 0.02 | |
| ALPHA-PHELLANDRENE | 0.00 | 1.4 | 0.02 | | ALPHA-PHELLANDRENE | 0.00 | 1.4 | 0.02 | |
| CAMPHENE | 0.00 | 0.7 | 0.01 | | CAMPHENE | 0.00 | 0.7 | 0.01 | |
| GERANIOL | 0.00 | 0.7 | 0.01 | | GERANIOL | 0.00 | 0.7 | 0.01 | |
| OCIMENE | 0.00 | 0.7 | 0.01 | | OCIMENE | 0.00 | 0.7 | 0.01 | |
| FARNESENE | 0.10 | <7.0 | <0.10 | | FARNESENE | 0.10 | <7.0 | <0.10 | |
| TERPINOLENE | 0.00 | <0.3 | <0.00 | | TERPINOLENE | 0.00 | <0.3 | <0.00 | |
| VALENCENE | 0.00 | <0.3 | <0.00 | | VALENCENE | 0.00 | <0.3 | <0.00 | |
| GUAJOL | 0.00 | <0.3 | <0.00 | | GUAJOL | 0.00 | <0.3 | <0.00 | |
| MENTHOL | 0.00 | <0.3 | <0.00 | | MENTHOL | 0.00 | <0.3 | <0.00 | |
| ALPHA-TERPINENE | 0.00 | <0.3 | <0.00 | | ALPHA-TERPINENE | 0.00 | <0.3 | <0.00 | |
| Total (%) | | | 2.53 | | | | | | |

Weight: 1.0042g
Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 02/06/24 15:49:40



Certificate of Analysis

PASSED

Hepworth Ag, Inc.

 61 Old Indian Trail
 Milton, NY, 12547, US
 Telephone: (845) 597-1086
 Email: amy.weidner@hepworthpura.com
 License # : OCM-AUCP-22-000021

Sample : AL40203001-014

 Batch# : IGF012224-001
 Sampled : 01/23/24 12:45 PM
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 Sampling Method : SOP.T.20.010.NY

Page 3 of 6

| Pesticides | | | | | | PASSED | | | | | |
|-----------------------|-----|-------|--------------|-----------|--------|---|-----|-------|--------------|-----------|--------|
| Pesticide | LOQ | Units | Action Level | Pass/Fail | Result | Pesticide | LOQ | Units | Action Level | Pass/Fail | Result |
| PYRETHRINS, TOTAL | 0.1 | ppm | 1 | PASS | <0.1 | PACLOBUTRAZOL | 0.1 | ppm | 0.4 | PASS | <0.1 |
| AZADIRACTHIN | 0.1 | ppm | 1 | PASS | <0.1 | PERMETHRIN | 0.1 | ppm | 0.2 | PASS | <0.1 |
| INDOLE-3-BUTYRIC ACID | 0.1 | ppm | 1 | PASS | <0.1 | PHOSMET | 0.1 | ppm | 0.2 | PASS | <0.1 |
| MYCLOBUTANIL | 0.1 | ppm | 0.2 | PASS | <0.1 | PRALLETHRIN | 0.1 | ppm | 0.2 | PASS | <0.1 |
| PIPERONYL BUTOXIDE | 0.1 | ppm | 2 | PASS | <0.1 | PROPICONAZOLE | 0.1 | ppm | 0.4 | PASS | <0.1 |
| ABAMECTIN B1A | 0.1 | ppm | 0.5 | PASS | <0.1 | PROPOXUR | 0.1 | ppm | 0.2 | PASS | <0.1 |
| ACEPHATE | 0.1 | ppm | 0.4 | PASS | <0.1 | PYRIDABEN | 0.1 | ppm | 0.2 | PASS | <0.1 |
| ACEQUINOCYL | 0.1 | ppm | 2 | PASS | <0.1 | SPINETORAM, TOTAL | 0.1 | ppm | 1 | PASS | <0.1 |
| ACETAMIPRID | 0.1 | ppm | 0.2 | PASS | <0.1 | SPINOSAD, TOTAL | 0.1 | ppm | 0.2 | PASS | <0.1 |
| ALDICARB | 0.1 | ppm | 0.4 | PASS | <0.1 | SPIROMESIFEN | 0.1 | ppm | 0.2 | PASS | <0.1 |
| AZOXYSTROBIN | 0.1 | ppm | 0.2 | PASS | <0.1 | SPIROTETRAMAT | 0.1 | ppm | 0.2 | PASS | <0.1 |
| CHLORMEQUAT CHLORIDE | 0.1 | ppm | 1 | PASS | <0.1 | SPIROXAMINE | 0.1 | ppm | 0.2 | PASS | <0.1 |
| BIFENAZATE | 0.1 | ppm | 0.2 | PASS | <0.1 | TEBUCONAZOLE | 0.1 | ppm | 0.4 | PASS | <0.1 |
| BIFENTHRIN | 0.1 | ppm | 0.2 | PASS | <0.1 | THIACLOPRID | 0.1 | ppm | 0.2 | PASS | <0.1 |
| CARBARYL | 0.1 | ppm | 0.2 | PASS | <0.1 | THIAMETHOXAM | 0.1 | ppm | 0.2 | PASS | <0.1 |
| COUMAPHOS | 0.1 | ppm | 1 | PASS | <0.1 | TRIFLOXYSTROBIN | 0.1 | ppm | 0.2 | PASS | <0.1 |
| CHLORPYRIFOS | 0.1 | ppm | 0.2 | PASS | <0.1 | CAPTAN * | 0.1 | ppm | 1 | PASS | <0.1 |
| DAMINOZIDE | 0.1 | ppm | 1 | PASS | <0.1 | CHLORDANE * | 0.1 | ppm | 1 | PASS | <0.1 |
| BOSCALID | 0.1 | ppm | 0.4 | PASS | <0.1 | CHLORFENAPYR * | 0.1 | ppm | 1 | PASS | <0.1 |
| CARBOFURAN | 0.1 | ppm | 0.2 | PASS | <0.1 | CYFLUTHRIN * | 0.1 | ppm | 1 | PASS | <0.1 |
| CHLORANTRANILIPROLE | 0.1 | ppm | 0.2 | PASS | <0.1 | CYPERMETHRIN * | 0.1 | ppm | 1 | PASS | <0.1 |
| CLOFENTEZINE | 0.1 | ppm | 0.2 | PASS | <0.1 | METHYL PARATHION * | 0.1 | ppm | 0.2 | PASS | <0.1 |
| DIAZINON | 0.1 | ppm | 0.2 | PASS | <0.1 | MGK-264 * | 0.1 | ppm | 0.2 | PASS | <0.1 |
| DICHLORVOS | 0.1 | ppm | 1 | PASS | <0.1 | PENTACHLORONITROBENZENE * | 0.1 | ppm | 1 | PASS | <0.1 |
| DIMETHOATE | 0.1 | ppm | 0.2 | PASS | <0.1 | Weight: | | | | | |
| DIMETHOMORPH | 0.1 | ppm | 1 | PASS | <0.1 | 0.9841g | | | | | |
| ETHOPROPHOS | 0.1 | ppm | 0.2 | PASS | <0.1 | Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY | | | | | |
| ETOFENPROX | 0.1 | ppm | 0.4 | PASS | <0.1 | Analyzed Date : 02/06/24 12:59:22 | | | | | |
| ETOXAZOLE | 0.1 | ppm | 0.2 | PASS | <0.1 | Weight: | | | | | |
| FENHEXAMID | 0.1 | ppm | 1 | PASS | <0.1 | 0.9841g | | | | | |
| FENOXYCARB | 0.1 | ppm | 0.2 | PASS | <0.1 | Analysis Method : SOP.T.40.154.NY | | | | | |
| FENPYROXIMATE | 0.1 | ppm | 0.4 | PASS | <0.1 | Analyzed Date : 02/06/24 14:15:27 | | | | | |
| FIPRONIL | 0.1 | ppm | 0.4 | PASS | <0.1 | | | | | | |
| FLONICAMID | 0.1 | ppm | 1 | PASS | <0.1 | | | | | | |
| FLUDIOXONIL | 0.1 | ppm | 0.4 | PASS | <0.1 | | | | | | |
| HEXYTHIAZOX | 0.1 | ppm | 1 | PASS | <0.1 | | | | | | |
| IMAZALIL | 0.1 | ppm | 0.2 | PASS | <0.1 | | | | | | |
| IMIDACLOPRID | 0.1 | ppm | 0.4 | PASS | <0.1 | | | | | | |
| KRESOXIM METHYL | 0.1 | ppm | 0.4 | PASS | <0.1 | | | | | | |
| MALATHION | 0.1 | ppm | 0.2 | PASS | <0.1 | | | | | | |
| METALAXYL | 0.1 | ppm | 0.2 | PASS | <0.1 | | | | | | |
| METHIOCARB | 0.1 | ppm | 0.2 | PASS | <0.1 | | | | | | |
| METHOMYL | 0.1 | ppm | 0.4 | PASS | <0.1 | | | | | | |
| MEVINPHOS | 0.1 | ppm | 1 | PASS | <0.1 | | | | | | |
| NALED | 0.1 | ppm | 0.5 | PASS | <0.1 | | | | | | |
| OXAMYL | 0.1 | ppm | 1 | PASS | <0.1 | | | | | | |

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Erica Troy

Lab Director

 NY Permit # OCM-CPL-2022-00006
 ISO 17025 Accreditation # 97164

 Signature
 02/08/24



Certificate of Analysis

PASSED

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 61 Old Indian Trail
 Milton, NY, 12547, US
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Residual Solvents

PASSED

| Solvents | LOQ | Units | Action Level | Pass/Fail | Result |
|-----------------------|--------|-------|--------------|-----------|---------|
| DIMETHYL SULFOXIDE | 750.0 | ppm | 5000 | PASS | <750.0 |
| 1,1,1-TRICHLOROETHANE | 225.0 | ppm | 1500 | PASS | <225.0 |
| HEXANE, TOTAL | 625.0 | ppm | 290 | PASS | <625.0 |
| PENTANES, TOTAL | 375.0 | ppm | 5000 | PASS | <375.0 |
| BUTANES, TOTAL | 1800.0 | ppm | 5000 | PASS | <1800.0 |
| XYLENES, TOTAL | 250.0 | ppm | 2170 | PASS | <250.0 |
| 1,2-DICHLOROETHANE | 0.5 | ppm | 5 | PASS | <0.5 |
| PROPANE | 900.0 | ppm | 5000 | PASS | <900.0 |
| METHANOL | 125.0 | ppm | 3000 | PASS | <125.0 |
| ETHANOL | 125.0 | ppm | 5000 | PASS | <125.0 |
| ETHYL ETHER | 125.0 | ppm | 5000 | PASS | <125.0 |
| ACETONE | 125.0 | ppm | 5000 | PASS | <125.0 |
| 2-PROPANOL | 125.0 | ppm | 5000 | PASS | <125.0 |
| ACETONITRILE | 125.0 | ppm | 410 | PASS | <125.0 |
| DICHLOROMETHANE | 125.0 | ppm | 600 | PASS | <125.0 |
| ETHYL ACETATE | 125.0 | ppm | 5000 | PASS | <125.0 |
| BENZENE | 0.5 | ppm | 2 | PASS | <0.5 |
| N-HEPTANE | 125.0 | ppm | 5000 | PASS | <125.0 |
| TOLUENE | 125.0 | ppm | 890 | PASS | <125.0 |
| CHLOROFORM | 0.5 | ppm | 60 | PASS | <0.5 |

 Weight:
 0.02323g

 Analysis Method : SOP.T.40.044.NY
 Analyzed Date : 02/05/24 13:06:49



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 61 Old Indian Trail
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|  Microbial PASSED | | | | | |  Mycotoxins PASSED | | | | | |
|---|-----|-------|-------------|-------------|--------------|--|-------|-------|--------|-------------|--------------|
| Analyte | LOQ | Units | Result | Pass / Fail | Action Level | Analyte | LOQ | Units | Result | Pass / Fail | Action Level |
| TOTAL AEROBIC BACTERIA | 100 | CFU/g | 41000 | TESTED | | AFLATOXIN G2 | 0.003 | ppm | <0.003 | PASS | 0.02 |
| TOTAL YEAST AND MOLD | 100 | CFU/g | 3000 | TESTED | | AFLATOXIN G1 | 0.003 | ppm | <0.003 | PASS | 0.02 |
| ESCHERICHIA COLI SHIGELLA SPP | | | Not Present | PASS | | AFLATOXIN B2 | 0.003 | ppm | <0.003 | PASS | 0.02 |
| SALMONELLA SPECIES | | | Not Present | PASS | | AFLATOXIN B1 | 0.003 | ppm | <0.003 | PASS | 0.02 |
| ASPERGILLUS TERREUS | | | Not Present | PASS | | OCHRATOXIN A+ | 0.010 | ppm | <0.010 | PASS | 0.02 |
| ASPERGILLUS NIGER | | | Not Present | PASS | | TOTAL AFLATOXINS (B1, B2, G1, G2) | 0.003 | ppm | <0.003 | PASS | 0.02 |
| ASPERGILLUS FLAVUS | | | Not Present | PASS | | | | | | | |
| ASPERGILLUS FUMIGATUS | | | Not Present | PASS | | Weight: | | | | | |
| | | | | | | 0.9841g | | | | | |
| Weight: | | | | | | Analysis Method : | | | | | |
| 1.0853g | | | | | | SOP.T.30.104.NY, SOP.T.40.104.NY | | | | | |
| Analysis Method : | | | | | | Analized Date : | | | | | |
| SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY | | | | | | 02/06/24 12:58:50 | | | | | |
| Analized Date : | | | | | | | | | | | |
| 02/05/24 12:01:25 | | | | | | | | | | | |

|  Heavy Metals PASSED | | | | | |
|--|--------|-------|---------|-------------|--------------|
| Metal | LOQ | Units | Result | Pass / Fail | Action Level |
| ANTIMONY | 0.1000 | ug/g | <0.1000 | PASS | 2 |
| ARSENIC | 0.1000 | ug/g | <0.1000 | PASS | 0.2 |
| CADMIUM | 0.1000 | ug/g | <0.1000 | PASS | 0.3 |
| CHROMIUM | 1.0000 | ug/g | <1.0000 | PASS | 110 |
| COPPER | 1.0000 | ug/g | <1.0000 | PASS | 30 |
| LEAD | 0.1000 | ug/g | <0.1000 | PASS | 0.5 |
| MERCURY | 0.0100 | ug/g | <0.0100 | PASS | 0.1 |
| NICKEL | 0.1000 | ug/g | <0.1000 | PASS | 5 |
| Weight: | | | | | |
| 0.4281g | | | | | |
| Analysis Method : | | | | | |
| SOP.T.30.084.NY, SOP.T.40.084.NY | | | | | |
| Analized Date : | | | | | |
| 02/06/24 14:42:49 | | | | | |



Certificate of Analysis

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Sampling Method : SOP.T.20.010.NY

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Filth/Foreign Material

PASSED



Moisture

PASSED

| Analyte | LOQ | Units | Result | P/F | Action Level |
|-------------------|-----|-------|--------|------|--------------|
| Stems (>3mm) | | % | ND | PASS | 5 |
| Foreign Matter | | % | ND | PASS | 2 |
| Mammalian excreta | | mg | ND | PASS | 1 |

Weight:
24.2153g

Analysis Method : SOP.T.40.090
Analyzed Date : 02/05/24 12:10:58

| Analyte | LOQ | Units | Result | P/F | Action Level |
|------------------|-----|-------|--------|------|--------------|
| Moisture Content | 5.0 | % | <5.0 | PASS | 15 |

Weight:
0.965g

Analysis Method : SOP.T.40.021
Analyzed Date : 02/05/24 11:14:38



Water Activity

PASSED

| Analyte | LOQ | Units | Result | P/F | Action Level |
|----------------|------|-------|--------|------|--------------|
| Water Activity | 0.10 | aw | 0.25 | PASS | 0.65 |

Weight:
0.4636g

Analysis Method : SOP.T.40.019
Analyzed Date : 02/05/24 13:57:45

