

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: Bloom Farms CBD
Sample Name: Stonefruit
Sample Batch I.D.: 5081 - ST01
Lab Sample I.D.: MKT0034-4
Sample Type: Concentrate
Date Received: 7/15/2020
Date Tested: 7/16-7/20/2020
Date Reported: 7/20/2020
QC Batch(es): PA16547,553,554,572,574,576,577,578
Tests Performed: Cannabinoids, Micro (S,E,A), Pesticides, RSA, Terpenes, Filth & Foreign Material Inspection, Mycotoxins, Heavy Metals

Results Summary:

| Item | Report Status |
|------------------|---------------|
| Cannabinoids | NA |
| Pesticides | PASS |
| Residual Solvent | PASS |
| Moisture | NT |
| Microbiology | PASS |
| Water Activity | NT |
| Filth & Foreign | PASS |
| Mycotoxins | PASS |
| Heavy Metals | PASS |
| Terpenes | NA |

Cannabinoid Analysis:

| THC | THCA | d-8 THC | CBD | CBDA | CBN | CBC | CBCA | CBG | CBGA | CBL | THCV | THCVA | CBDV | CBDVA | Total THC* | Total CBD** | Total |
|-------|-------|---------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------|-------------|--------|
| % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. | % wt. |
| ND | ND | ND | 46.38% | 2.54% | 5.31% | 8.24% | ND | 1.76% | ND | ND | ND | ND | ND | ND | NA | 48.61% | 64.23% |
| mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g | mg/g |
| ND | ND | ND | 463.84 | 25.39 | 53.06 | 82.43 | ND | 17.57 | ND | ND | ND | ND | ND | ND | NA | 486.11 | 642.29 |
| mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL | mg/mL |
| NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |

Flowers Reported on % DRY WT. Basis; *Total THC=(THCA * 0.877) + THC + d-8 THC; **Total CBD=(CBDA * 0.877) + CBD
 Method: Extraction by Methanol, IPA, Acetonitrile or Ethanol with sonication and HPLC-DAD confirmation analysis as needed by GC-FID analysis

Residual Solvent:

Method: Full Evaporation Technique by GC-MS

CA CATEGORY 1

| Compound | (ug/g) | Inhal. Action Lim. (ug/g) | Other Action Lim. (ug/g) | PASS/FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES: |
|--------------------|--------|---------------------------|--------------------------|-----------|------------|------------|--------|
| 1,2-Dichloroethane | ND | 1.0 | 1.0 | PASS | 1.00 | 0.80 | |
| Benzene | ND | 1.0 | 1.0 | PASS | 1.00 | 0.20 | |
| Chloroform | ND | 1.0 | 1.0 | PASS | 1.00 | 0.20 | |
| Ethylene Oxide | ND | 1.0 | 1.0 | PASS | 1.00 | 0.80 | |
| Methylene chloride | ND | 1.0 | 1.0 | PASS | 1.00 | 0.80 | |
| Trichloroethylene | ND | 1.0 | 1.0 | PASS | 1.00 | 0.20 | |

CA CATEGORY 2

| Compound | (ug/g) | Inhal. Action Lim. (ug/g) | Other Action Lim. (ug/g) | PASS/FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES: |
|-----------------------------|-------------|---------------------------|--------------------------|-----------|------------|------------|--------|
| n-Butane | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| n-Pentane | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Acetone | 15.1 | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Ethanol | 13.4 | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| n-Hexane | ND | 290 | 290 | PASS | 2.0 | 0.50 | |
| Methanol | ND | 3000 | 3000 | PASS | 2.0 | 0.50 | |
| 2-Propanol | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Acetonitrile | ND | 410 | 410 | PASS | 5.0 | 1.00 | |
| Ethyl acetate | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| n-Heptane | 1.7 | 5000 | 5000 | PASS | 2.0 | 0.50 | <LOQ |
| Ether | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Toluene | ND | 890 | 890 | PASS | 2.0 | 0.50 | |
| Total xylenes | ND | 2170 | 2170 | PASS | 2.0 | 0.50 | |
| Propane | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Total Cat. 1 & 2 | 30.2 | | | | | | |

Heavy Metals:

Method: Acid digestion in heated block. Analysis using graphite furnace, atomic fluorescence spectroscopy, atomic absorption decomposition analysis

| Compound | (ug/g) | Inhal. Action Lim. (ug/g) | Other Action Lim. (ug/g) | PASS/FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES: |
|----------|--------|---------------------------|--------------------------|-----------|------------|------------|--------|
| Mercury | ND | 0.1 | 3 | PASS | 0.03 | 0.006 | |
| Lead | ND | 0.5 | 0.5 | PASS | 0.10 | 0.020 | |
| Cadmium | ND | 0.2 | 0.5 | PASS | 0.02 | 0.004 | |
| Arsenic | ND | 0.2 | 1.5 | PASS | 0.20 | 0.040 | |

Microbiology Analysis:

| Analysis | PASS/FAIL | Analysis | CFU/g | | |
|-------------|-----------|----------------|-------|--------------------|----|
| E. coli | PASS | APC | NA | | |
| Salmonella | PASS | Total coliform | NA | | |
| Aspergillus | PASS | Pseudomonas | NA | | |
| nigres | PASS | terreus | PASS | Total yeast & mold | NA |
| flavus | PASS | fumigatus | PASS | Enterobacteriaceae | NA |

Testing performed by:

Pure Analytics
 5468 Skylane Blvd Ste 102
 Santa Rosa, CA 95403
 CA License #: C8-000018-LIC

The results contained in this report only pertain to the specific sample submitted. This certificate may not be reproduced in full without permission from the laboratory.

ND: Not Detected NA: Not Applicable; NT: Test Not Performed

Approved by: *Samantha J. Miller*

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: *Bloom Farms CBD*
Sample Name: *Stonefruit*
Lab Sample I.D.: *MKT0034-4*
Pesticides Analysis:
Method: Acetone extraction with sonication, dSPE clean-up, LCMSMS and GC-ECD analysis

| Compound | Result (ug/g) | Oregon Action lim. (ug/g) | PASS/ FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES |
|----------------------|---------------|---------------------------|------------|------------|------------|-------|
| CA CATEGORY I | | | | | | |
| Aldicarb | ND | 0.40 | PASS | 0.020 | 0.005 | |
| Carbofuran | ND | 0.20 | PASS | 0.010 | 0.001 | |
| Chlordane | ND | 0.10 | PASS | 0.010 | 0.005 | |
| Chlorfenapyr | ND | 1.00 | PASS | 0.100 | 0.020 | |
| Chlorpyrifos | ND | 0.20 | PASS | 0.100 | 0.020 | |
| Coumaphos | ND | 0.10 | PASS | 0.100 | 0.005 | |
| Daminozide | ND | 1.00 | PASS | 0.100 | 0.010 | |
| Dichlorvos | ND | 1.00 | PASS | 0.010 | 0.001 | |
| Dimethoate | ND | 0.20 | PASS | 0.100 | 0.020 | |
| Ethoprop | 0.03 | 0.20 | PASS | 0.100 | 0.020 | <LOQ |
| Etofenprox | ND | 0.40 | PASS | 0.010 | 0.001 | |
| Fenoxycarb | ND | 0.20 | PASS | 0.020 | 0.005 | |
| Fipronil | ND | 0.40 | PASS | 0.020 | 0.005 | |
| Imazalil | ND | 0.20 | PASS | 0.100 | 0.005 | |
| Methiocarb | ND | 0.20 | PASS | 0.100 | 0.005 | |
| Parathion-methyl | ND | 0.20 | PASS | 0.100 | 0.010 | |
| Mevinphos | ND | 0.10 | PASS | 0.100 | 0.050 | |
| Paclbutrazol | ND | 0.40 | PASS | 0.100 | 0.005 | |
| Propoxur | ND | 0.20 | PASS | 0.010 | 0.001 | |
| Spiroxamine | ND | 0.40 | PASS | 0.010 | 0.001 | |
| Thiacloprid | ND | 0.20 | PASS | 0.020 | 0.005 | |

Mycotoxin Analysis:
Method: Acetone extraction with sonication, dSPE clean-up, LCMSMS analysis

| Compound | Result (ug/kg) | Action lim. (ug/kg) | PASS/ FAIL | LOQ (ug/kg) | LOD (ug/kg) | NOTES |
|-----------------|----------------|---------------------|------------|-------------|-------------|-------|
| Aflatoxin B1 | ND | NA | PASS | 2.0 | 0.5 | |
| Aflatoxin B2 | ND | NA | PASS | 2.0 | 0.5 | |
| Aflatoxin G1 | ND | NA | PASS | 2.0 | 0.5 | |
| Aflatoxin G2 | ND | NA | PASS | 2.0 | 0.5 | |
| Total Aflatoxin | ND | <20 ug/kg | PASS | 2.0 | 0.5 | |
| Ochratoxin A | ND | <20 ug/kg | PASS | 2.0 | 0.5 | |

| Compound | Result (ug/g) | Oregon Action lim. (ug/g) | PASS/ FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES |
|-----------------------|---------------|---------------------------|------------|------------|------------|-------|
| CA CATEGORY II | | | | | | |
| Abamectin | ND | 0.4 | PASS | 0.10 | 0.001 | |
| Acephate | ND | 0.4 | PASS | 0.10 | 0.02 | |
| Acequinocyl | ND | 2.0 | PASS | 0.02 | 0.02 | |
| Acetamiprid | ND | 0.2 | PASS | 0.02 | 0.02 | |
| Azoxystrobin | ND | 0.2 | PASS | 0.02 | 0.01 | |
| Bifenazate | ND | 0.2 | PASS | 0.02 | 0.001 | |
| Bifenthrin | ND | 0.2 | PASS | 0.10 | 0.005 | |
| Boscalid | ND | 0.4 | PASS | 0.02 | 0.01 | |
| Captan | ND | 0.7 | PASS | 0.01 | 0.005 | |
| Cyfluthrin | ND | 1.0 | PASS | 0.10 | 0.001 | |
| Cypermethrin | ND | 1.0 | PASS | 0.10 | 0.05 | |
| Carbaryl | ND | 0.2 | PASS | 0.02 | 0.001 | |
| Chlorantranilprole | ND | 0.2 | PASS | 0.02 | 0.01 | |
| Clofentezine | ND | 0.2 | PASS | 0.02 | 0.001 | |
| Diazinon | ND | 0.2 | PASS | 0.02 | 0.001 | |
| Dimethomorph | ND | 2.0 | PASS | 0.02 | 0.001 | |
| Etoxazole | ND | 0.2 | PASS | 0.02 | 0.005 | |
| Fenhexamid | ND | 0.1 | PASS | 0.01 | 0.001 | |
| Fenpyroximate | ND | 0.4 | PASS | 0.02 | 0.01 | |
| Fonicamid | ND | 1.0 | PASS | 0.02 | 0.001 | |
| Fludioxonil | ND | 0.4 | PASS | 0.10 | 0.02 | |
| Hexythiazox | ND | 1.0 | PASS | 0.02 | 0.01 | |
| Imidacloprid | ND | 0.4 | PASS | 0.10 | 0.02 | |
| Kresoxim-methyl | ND | 0.4 | PASS | 0.02 | 0.02 | |
| Malathion | ND | 0.2 | PASS | 0.20 | 0.001 | |
| Metalaxyl | ND | 0.2 | PASS | 0.02 | 0.01 | |
| Methomyl | ND | 0.4 | PASS | 0.02 | 0.001 | |
| Myclobutanil | ND | 0.2 | PASS | 0.005 | 0.001 | |
| Naled | ND | 0.5 | PASS | 0.10 | 0.02 | |
| Oxamyl | ND | 1.0 | PASS | 0.05 | 0.01 | |
| Pentachloronitrobenz. | ND | 0.1 | PASS | 0.10 | 0.02 | |
| Permethrin | ND | 0.2 | PASS | 0.025 | 0.005 | |
| Phosmet | ND | 0.2 | PASS | 0.02 | 0.02 | |
| Piperonyl butoxide | ND | 2.0 | PASS | 0.005 | 0.001 | |
| Prallethrin | ND | 0.2 | PASS | 0.02 | 0.01 | |
| Propiconazole | ND | 0.4 | PASS | 0.02 | 0.01 | |
| Pyrethrins | ND | 1.0 | PASS | 0.07 | 0.01 | |
| Pyridaben | ND | 0.2 | PASS | 0.02 | 0.001 | |
| Spinetoram | ND | 0.1 | PASS | 0.07 | 0.005 | |
| Spinosad | ND | 0.2 | PASS | 0.10 | 0.02 | |
| Spiromesifen | ND | 0.2 | PASS | 0.10 | 0.02 | |
| Spirotetramat | ND | 0.2 | PASS | 0.10 | 0.02 | |
| Tebuconazole | ND | 0.4 | PASS | 0.10 | 0.02 | |
| Trifloxystrobin | ND | 0.2 | PASS | 0.01 | 0.005 | |
| Thiamethoxam | ND | 0.2 | PASS | 0.10 | 0.01 | |

Testing performed by:

Pure Analytics

5468 Skylane Blvd Ste 102

Santa Rosa, CA 95403

CA License #: C8-0000018-LIC

The results contained in this report only pertain to the specific sample submitted. This certificate may not be reproduced in full without permission from the laboratory.

ND: Not Detected

NA: Not Applicable; NT: Test Not Performed

 Approved by: *Samantha J. Miller*

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: Bloom Farms CBD

Sample Name: Stonefruit

Lab Sample I.D.: MKT0034-4

Terpene Analysis:

Method: Methanol Extraction with Sonication and GC-FID Analysis

| Compound | % wt. | Action lim. (ug/kg) | PASS/ FAIL | LOQ (ug/kg) | LOD (ug/kg) | NOTES |
|-----------------|--------------|---------------------|------------|-------------|-------------|-------|
| α-Pinene | 0.11% | NA | NA | 0.01 | 0.005 | |
| Camphene | ND | NA | NA | 0.01 | 0.005 | |
| β-Pinene | 0.07% | NA | NA | 0.01 | 0.005 | |
| β-Myrcene | ND | NA | NA | 0.01 | 0.005 | |
| 3-Carene | NT | NA | NA | 0.01 | 0.005 | |
| R-Limonene | 0.08% | NA | NA | 0.01 | 0.005 | |
| Eucalyptol | ND | NA | NA | 0.01 | 0.005 | |
| Ocimene | ND | NA | NA | 0.01 | 0.005 | |
| γ-Terpinene | ND | NA | NA | 0.01 | 0.005 | |
| Terpinolene | ND | NA | NA | 0.01 | 0.005 | |
| Linalool | ND | NA | NA | 0.01 | 0.005 | |
| Fenchol | ND | NA | NA | 0.01 | 0.005 | |
| (+)-Pulegone | ND | NA | NA | 0.01 | 0.005 | |
| Menthhol | ND | NA | NA | 0.01 | 0.005 | |
| Borneol | ND | NA | NA | 0.01 | 0.005 | |
| α-Terpineol | ND | NA | NA | 0.01 | 0.005 | |
| Geraniol | ND | NA | NA | 0.01 | 0.005 | |
| β-Caryophyllene | ND | NA | NA | 0.01 | 0.005 | |
| α-Humulene | ND | NA | NA | 0.01 | 0.005 | |
| Valencene | ND | NA | NA | 0.01 | 0.005 | |
| Farnesene | ND | NA | NA | 0.01 | 0.005 | |
| trans-Nerolidol | ND | NA | NA | 0.01 | 0.005 | |
| cis-Nerolidol | ND | NA | NA | 0.01 | 0.005 | |
| Guaiol | 0.11% | NA | NA | 0.01 | 0.005 | |
| α-Bisabolol | 0.86% | NA | NA | 0.01 | 0.005 | |
| Eicosane | NT | NA | NA | 0.01 | 0.005 | |
| Camphor | ND | NA | NA | 0.01 | 0.005 | |
| L-Fenchone | ND | NA | NA | 0.01 | 0.005 | |
| Sabinene | ND | NA | NA | 0.01 | 0.005 | |
| β-Caryoph. Ox. | ND | NA | NA | 0.01 | 0.005 | |
| Phytol | NT | NA | NA | 0.01 | 0.005 | |
| a-Phellandrene | NT | NA | NA | 0.01 | 0.005 | |
| Total % | 1.28% | | | | | |

Filth & Foreign Material Inspection:

Filth & Foreign Material by method 89370.96 using stereo microscope

Filth & Foreign Inspection

Observations:

PASS/ FAIL

PASS

Water Activity Analysis:

Water Activity by method 89370.98 on a Novasina LabTouch-aw

| Water Activity | Result | Action Limit (Aw) | | PASS/ FAIL |
|----------------|--------|-------------------|-------|------------|
| | | Inhale | Other | |
| Aw | NA | 0.65 | 0.85 | NA |

Moisture Content Analysis:

Moisture Content method by method 89370.98 using ThermoFisher programmable oven

| Moisture Content | Result | Action Limit (%) | PASS/ FAIL |
|------------------|--------|------------------|------------|
| % Moisture | NA | 13.0 | NA |

Vitamin E Acetate Analysis:

Method: Extraction by Acetone with sonication and analysis by HPLC-DAD

| Compound | Result | Action Limit (mg/kg) | LOQ (mg/kg) |
|-------------------|--------|----------------------|-------------|
| Vitamin E Acetate | NA | NA | 5.00 |

Testing performed by:

Pure Analytics

5468 Skylane Blvd Ste 102

Santa Rosa, CA 95403

CA License #: C8-0000018-LIC

The results contained in this report only pertain to the specific sample submitted. This certificate may not be reproduced in full without permission from the laboratory.

ND: Not Detected NA: Not Applicable; NT: Test Not Performed

Approved by: *Samantha J. Miller*