

Certificate of Analysis- Pure Analytics InfoTest™

Customer Name: Nu Bloom Botanicals
Sample Name: Balance Balm Stick
Sample Batch I.D.: NA
Lab Sample I.D.: NBB0001-7
Sample Type: Balm
Date Received: 7/9/2020
Date Tested: 7/10-7/16/2020
Date Reported: 7/17/2020
QC Batch(es): PA16534,545,546,547,552,554,562
Tests Performed: Cannabinoids, Micro (S,E,A), Pesticides, RSA, Filth & Foreign Material, 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 | NT |



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 | 3.42% | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 3.42% | 3.42% |
| 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 | 34.17 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | NA | 34.17 | 34.17 |
| mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg | mg/pkg |
| NA | NA | NA | 484.34 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | 484.34 | 484.34 |

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 | 9.6 | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| Ethanol | ND | 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 | 30.3 | 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 | ND | 5000 | 5000 | PASS | 2.0 | 0.50 | |
| 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 | 39.9 | | | | | | |

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 | NT | Pseudomonas | NA |
| nigens NT | terreus NT | Total yeast & mold | NA |
| flavus NT | fumigatus NT | Enterobacteriaceae | NA |

Testing performed by:

Pure Analytics
5468 Skylane Blvd Ste 102
Santa Rosa, CA 95403
CA License #: CB-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: Nu Bloom Botanicals

Sample Name: Balance Balm Stick

Lab Sample I.D.: NBB001-7

Pesticides Analysis:

Method: Acetone extraction with sonication, dsPE clean-up, LCMSMS and GC-ECD analysis

| Compound | Result (ug/g) | Action lim. (ug/g) | PASS/ FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES |
|----------------------|---------------|--------------------|------------|------------|------------|-------|
| CA CATEGORY I | | | | | | |
| Aldicarb | ND | > LOD | PASS | 0.020 | 0.005 | |
| Carbofuran | ND | > LOD | PASS | 0.010 | 0.001 | |
| Chlordane | ND | > LOD | PASS | 0.010 | 0.005 | |
| Chlorfenapyr | ND | > LOD | PASS | 0.100 | 0.020 | |
| Chlorpyrifos | ND | > LOD | PASS | 0.100 | 0.020 | |
| Coumaphos | ND | > LOD | PASS | 0.100 | 0.005 | |
| Daminozide | ND | > LOD | PASS | 0.100 | 0.010 | |
| Dichlorvos | ND | > LOD | PASS | 0.010 | 0.001 | |
| Dimethoate | ND | > LOD | PASS | 0.100 | 0.020 | |
| Ethoprop | ND | > LOD | PASS | 0.100 | 0.020 | |
| Etofenprox | ND | > LOD | PASS | 0.010 | 0.001 | |
| Fenoxycarb | ND | > LOD | PASS | 0.020 | 0.005 | |
| Fipronil | ND | > LOD | PASS | 0.020 | 0.005 | |
| Imazalil | ND | > LOD | PASS | 0.100 | 0.005 | |
| Methiocarb | ND | > LOD | PASS | 0.100 | 0.005 | |
| Parathion-methyl | ND | > LOD | PASS | 0.100 | 0.010 | |
| Mevinphos | ND | > LOD | PASS | 0.100 | 0.050 | |
| Paclobutrazol | ND | > LOD | PASS | 0.100 | 0.005 | |
| Propoxur | ND | > LOD | PASS | 0.010 | 0.001 | |
| Spiroxamine | ND | > LOD | PASS | 0.010 | 0.001 | |
| Thiacloprid | ND | > LOD | 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) | Action lim. (ug/g) | | PASS/ FAIL | LOQ (ug/g) | LOD (ug/g) | NOTES |
|-----------------------|---------------|--------------------|---------|------------|------------|------------|-------|
| | | (Inhale) | (Other) | | | | |
| CA CATEGORY II | | | | | | | |
| Abamectin | ND | 0.1 | 0.3 | PASS | 0.10 | 0.001 | |
| Acephate | ND | 0.1 | 5 | PASS | 0.10 | 0.02 | |
| Acequinocyl | ND | 0.1 | 4 | PASS | 0.02 | 0.02 | |
| Acetamiprid | ND | 0.1 | 5 | PASS | 0.02 | 0.02 | |
| Azoxystrobin | ND | 0.1 | 40 | PASS | 0.02 | 0.01 | |
| Bifenazate | ND | 0.1 | 5 | PASS | 0.02 | 0.001 | |
| Bifenthrin | ND | 3 | 0.5 | PASS | 0.10 | 0.005 | |
| Boscalid | ND | 0.1 | 10 | PASS | 0.02 | 0.01 | |
| Captan | ND | 0.7 | 5 | PASS | 0.01 | 0.005 | |
| Cyfluthrin | ND | 2 | 1 | PASS | 0.10 | 0.001 | |
| Cypermethrin | ND | 1 | 1 | PASS | 0.10 | 0.05 | |
| Carbaryl | ND | 0.5 | 0.5 | PASS | 0.02 | 0.001 | |
| Chlorantranilprole | ND | 10 | 40 | PASS | 0.02 | 0.01 | |
| Clofentezine | ND | 0.1 | 0.5 | PASS | 0.02 | 0.001 | |
| Diazinon | ND | 0.1 | 0.2 | PASS | 0.02 | 0.001 | |
| Dimethomorph | ND | 2 | 20 | PASS | 0.02 | 0.001 | |
| Etoxazole | ND | 0.1 | 1.5 | PASS | 0.02 | 0.005 | |
| Fenhexamid | ND | 0.1 | 10 | PASS | 0.01 | 0.001 | |
| Fenpyroximate | ND | 0.1 | 2 | PASS | 0.02 | 0.01 | |
| Fonicamid | ND | 0.1 | 2 | PASS | 0.02 | 0.001 | |
| Fludioxonil | ND | 0.1 | 30 | PASS | 0.10 | 0.02 | |
| Hexythiazox | ND | 0.1 | 2 | PASS | 0.02 | 0.01 | |
| Imidacloprid | ND | 5 | 3 | PASS | 0.10 | 0.02 | |
| Kresoxim-methyl | ND | 0.1 | 1 | PASS | 0.02 | 0.02 | |
| Malathion | ND | 0.5 | 5 | PASS | 0.20 | 0.001 | |
| Metalaxyl | ND | 2 | 15 | PASS | 0.02 | 0.01 | |
| Methomyl | ND | 1 | 0.1 | PASS | 0.02 | 0.001 | |
| Myclobutanil | ND | 0.1 | 9 | PASS | 0.005 | 0.001 | |
| Naled | ND | 0.1 | 0.5 | PASS | 0.10 | 0.02 | |
| Oxamyl | ND | 0.5 | 0.2 | PASS | 0.05 | 0.01 | |
| Pentachloronitrobenz. | ND | 0.1 | 0.2 | PASS | 0.10 | 0.02 | |
| Permethrin | ND | 0.5 | 20 | PASS | 0.025 | 0.005 | |
| Phosmet | ND | 0.1 | 0.2 | PASS | 0.02 | 0.02 | |
| Piperonyl butoxide | ND | 3 | 8.0 | PASS | 0.005 | 0.001 | |
| Prallethrin | ND | 0.1 | 0.4 | PASS | 0.02 | 0.01 | |
| Propiconazole | ND | 0.1 | 20.0 | PASS | 0.02 | 0.01 | |
| Pyrethrins | ND | 0.5 | 1 | PASS | 0.07 | 0.01 | |
| Pyridaben | ND | 0.1 | 3 | PASS | 0.02 | 0.001 | |
| Spinetoram | ND | 0.1 | 3 | PASS | 0.07 | 0.005 | |
| Spinosad | ND | 0.1 | 3 | PASS | 0.10 | 0.02 | |
| Spiromesifen | ND | 0.1 | 12 | PASS | 0.10 | 0.02 | |
| Spirotetramat | ND | 0.1 | 13 | PASS | 0.10 | 0.02 | |
| Tebuconazole | ND | 0.1 | 2 | PASS | 0.10 | 0.02 | |
| Trifloxystrobin | ND | 0.10 | 30 | PASS | 0.01 | 0.005 | |
| Thiamethoxam | ND | 5 | 4.5 | 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: Nu Bloom Botanicals

Sample Name: Balance Balm Stick

Lab Sample I.D.: NBB0001-7

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 | NA | NA | NA | 0.01 | 0.005 | |
| Camphene | NA | NA | NA | 0.01 | 0.005 | |
| β-Pinene | NA | NA | NA | 0.01 | 0.005 | |
| β-Myrcene | NA | NA | NA | 0.01 | 0.005 | |
| 3-Carene | NA | NA | NA | 0.01 | 0.005 | |
| R-Limonene | NA | NA | NA | 0.01 | 0.005 | |
| Eucalyptol | NA | NA | NA | 0.01 | 0.005 | |
| Ocimene | NA | NA | NA | 0.01 | 0.005 | |
| γ-Terpinene | NA | NA | NA | 0.01 | 0.005 | |
| Terpinolene | NA | NA | NA | 0.01 | 0.005 | |
| Linalool | NA | NA | NA | 0.01 | 0.005 | |
| Fenchol | NA | NA | NA | 0.01 | 0.005 | |
| (+)-Pulegone | NA | NA | NA | 0.01 | 0.005 | |
| Menthol | NA | NA | NA | 0.01 | 0.005 | |
| Borneol | NA | NA | NA | 0.01 | 0.005 | |
| α-Terpineol | NA | NA | NA | 0.01 | 0.005 | |
| Geraniol | NA | NA | NA | 0.01 | 0.005 | |
| β-Caryophyllene | NA | NA | NA | 0.01 | 0.005 | |
| α-Humulene | NA | NA | NA | 0.01 | 0.005 | |
| Valencene | NA | NA | NA | 0.01 | 0.005 | |
| Farnesene | NA | NA | NA | 0.01 | 0.005 | |
| trans-Nerolidol | NA | NA | NA | 0.01 | 0.005 | |
| cis-Nerolidol | NA | NA | NA | 0.01 | 0.005 | |
| Guaiol | NA | NA | NA | 0.01 | 0.005 | |
| α-Bisabolol | NA | NA | NA | 0.01 | 0.005 | |
| Eicosane | NA | NA | NA | 0.01 | 0.005 | |
| Camphor | NA | NA | NA | 0.01 | 0.005 | |
| L-Fenchone | NA | NA | NA | 0.01 | 0.005 | |
| Sabinene | NA | NA | NA | 0.01 | 0.005 | |
| β-Caryoph. Ox. | NA | NA | NA | 0.01 | 0.005 | |
| Phytol | NA | NA | NA | 0.01 | 0.005 | |
| a-Phellandrene | NA | NA | NA | 0.01 | 0.005 | |
| Total % | NA | | | | | |

Filth & Foreign Material Inspection:

Filth & Foreign Material by method 89370.96 using stereo microscope

PASS/ FAIL

Filth & Foreign Inspection

Observations: 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*