# CERTIFICATE OF ANALYSIS



## Beak & Skiff Research

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Lafayette, NY 13084
luke@beakandskiff.com
(315) 506-4981
Lic. #: OCM-HMPE-23-00058

## Sample: 241028TRI001.001

Sample Description: B&S Blood Orange CBD 20mg - 30124; Sample Size: 1 units;
Batch/Lot# : 102824KJ-CH;
Sample Received: 10/29/2024; Report Created: 11/01/2024;
Sampled By: Client;

## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

| ND | 21.24 mg/unit | 21.24 mg/unit |
|---|---|---|
| Total THC | Total CBD | Total Cannabinoids |
| | ND | |
| | Total CBG | |

## Cannabinoids

Complete

Date Analyzed: 10/29/2024

| Analyte | LOD | LOQ | Result | Result |
|---|---|---|---|---|
| | mg/unit | mg/unit | mg/unit | % |
| THCa | 0.1176 | 0.3918 | ND | ND |
| Δ9-THC | 0.1176 | 0.3918 | ND | ND |
| Δ8-THC | 0.1176 | 0.3918 | ND | ND |
| THCVa | 0.1176 | 0.3918 | ND | ND |
| THCV | 0.1176 | 0.3918 | ND | ND |
| CBDa | 0.1176 | 0.3918 | ND | ND |
| CBD | 0.1176 | 0.3918 | 21.24 | 0.005998 |
| CBDVa | 0.1176 | 0.3918 | ND | ND |
| CBDV | 0.1176 | 0.3918 | ND | ND |
| CBN | 0.1176 | 0.3918 | ND | ND |
| CBGa | 0.1176 | 0.3918 | ND | ND |
| CBG | 0.1176 | 0.3918 | ND | ND |
| CBCa | 0.2283 | 0.7609 | ND | ND |
| CBC | 0.1176 | 0.3918 | ND | ND |
| CBL | 0.1176 | 0.3918 | ND | ND |
| **Total** | | | **21.24** | **0.005998** |

1 Unit = 12 fl oz Can, 354.1125g

Unit Mass/Volume provided by Client and may affect the validity of "mg/unit" results.
SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows (SOP.702; Gravimetry).

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## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

## Microbials

Pass

Date Analyzed: 11/01/2024

| Analytes | Limit | Result | Status |
|---|---|---|---|
| | CFU/g | CFU/g | |
| Total Aerobic Count | 100000 | <100 | Pass |
| Listeria Monocytogenes | | Not Detected | Tested |
| Salmonella SPP | Detected in 1g | Not Detected | Pass |
| E. Coli (STEC) | Detected in 1g | Not Detected | Pass |
| Yeast & Mold | 10000 | <100 | Pass |

SOP.606, SOP.607; qPCR and/or SOP.605; MPN.


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## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

## Mycotoxins

Pass

Date Analyzed: 11/01/2024

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | µg/g | µg/g | µg/g | µg/g | |
| Aflatoxin B1 | 0.000837 | 0.00279 | | ND | Tested |
| Aflatoxin B2 | 0.000837 | 0.00279 | | ND | Tested |
| Aflatoxin G1 | 0.000837 | 0.00279 | | ND | Tested |
| Aflatoxin G2 | 0.000837 | 0.00279 | | ND | Tested |
| Total Aflatoxins | | | 0.0200 | ND | Pass |
| Ochratoxin A | 0.00335 | 0.0112 | 0.0200 | ND | Pass |

SOP.402; LC-MS/MS.


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## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

## Elemental

Pass

Date Analyzed: 10/31/2024

### Heavy Metals

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.00326 | 0.0241 | 1.50 | ND | Pass |
| Cadmium | 0.000256 | 0.0120 | 0.500 | ND | Pass |
| Lead | 0.00304 | 0.0120 | 1.00 | ND | Pass |
| Mercury | 0.00138 | 0.00361 | 1.50 | ND | Pass |
| Chromium | 0.0129 | 0.0361 | | ND | Tested |

### Nutrients

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|

SOP 502; ICPMS.


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## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

## Pesticides

Pass

Date Analyzed: 11/01/2024

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | µg/g | µg/g | µg/g | µg/g | |
| Abamectin | 0.0105 | 0.0349 | 0.300 | ND | Pass |
| Acephate | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Acequinocyl | 0.0105 | 0.0349 | 2.00 | ND | Pass |
| Acetamiprid | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Aldicarb | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Azoxystrobin | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Bifenazate | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Bifenthrin | 0.0105 | 0.0349 | 0.500 | ND | Pass |
| Boscalid | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Captan | 0.0837 | 0.279 | 3.00 | ND | Pass |
| Carbaryl | 0.0105 | 0.0349 | 0.500 | ND | Pass |
| Carbofuran | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Chlorantraniliprole | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Chlordane | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Chlorfenapyr | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Chlormequat chloride | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Chlorpyrifos | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Clofentezine | 0.0105 | 0.0349 | 0.500 | ND | Pass |
| Coumaphos | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Cyfluthrin | 0.0419 | 0.140 | 1.00 | ND | Pass |
| Cypermethrin | 0.0209 | 0.0698 | 1.00 | ND | Pass |
| Daminozide | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Diazinon | 0.0105 | 0.0349 | 0.200 | ND | Pass |
| Dichlorvos | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Dimethoate | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Dimethomorph | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Ethoprophos | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Etofenprox | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Etoxazole | 0.0105 | 0.0349 | 1.50 | ND | Pass |
| Fenhexamid | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Fenoxycarb | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Fenpyroximate | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Fipronil | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Flonicamid | 0.0105 | 0.0349 | 2.00 | ND | Pass |

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | µg/g | µg/g | µg/g | µg/g | |
| Fludioxonil | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Hexythiazox | 0.0105 | 0.0349 | 2.00 | ND | Pass |
| Imazalil | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Imidacloprid | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Kresoxim Methyl | 0.0105 | 0.0349 | 1.00 | ND | Pass |
| Malathion | 0.0105 | 0.0349 | 2.00 | ND | Pass |
| Metalaxyl | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Methiocarb | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Methomyl | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Mevinphos | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| MGK-264 | 0.0209 | 0.0698 | | ND | Tested |
| Myclobutanil | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Naled | 0.0105 | 0.0349 | 0.500 | ND | Pass |
| Oxamyl | 0.0105 | 0.0349 | 0.500 | ND | Pass |
| Paclobutrazol | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Parathion Methyl | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Pentachloronitrobenzene | 0.0105 | 0.0349 | 0.200 | ND | Pass |
| Permethrins | 0.0209 | 0.0698 | 1.00 | ND | Pass |
| Phosmet | 0.0105 | 0.0349 | 0.200 | ND | Pass |
| Piperonyl Butoxide | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Prallethrin | 0.0419 | 0.0349 | 0.400 | ND | Pass |
| Propiconazole | 0.0105 | 0.0349 | 1.00 | ND | Pass |
| Propoxur | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Pyrethrins | 0.0419 | 0.140 | 1.00 | ND | Pass |
| Pyridaben | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Spinetoram | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Spinosad | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Spiromesifen | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Spirotetramat | 0.0105 | 0.0349 | 3.00 | ND | Pass |
| Spiroxamine | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Tebuconazole | 0.0105 | 0.0349 | 1.00 | ND | Pass |
| Thiacloprid | 0.0105 | 0.0349 | 0.100 | ND | Pass |
| Thiamethoxam | 0.0105 | 0.0349 | 1.00 | ND | Pass |
| Trifloxystrobin | 0.0105 | 0.0349 | 3.00 | ND | Pass |

SOP.402; LC-MS/MS & SOP.302; GC-MS

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## B&S Blood Orange CBD 20mg - 30124

Ingestible, Beverage, Alcohol

## Residual Solvents

Pass

Date Analyzed: 10/29/2024

| Analytes | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | µg/g | µg/g | µg/g | µg/g | |
| 1,1- Dichloroethene | 0.0370 | 0.111 | 8.00 | ND | Pass |
| 1,2-Dichloroethane | 0.148 | 0.444 | 5.00 | ND | Pass |
| Acetone | 14.8 | 44.4 | 5000 | ND | Pass |
| Acetonitrile | 14.8 | 44.4 | 410 | ND | Pass |
| Benzene | 0.0370 | 0.111 | 2.00 | ND | Pass |
| Butane | 14.8 | 44.4 | 2000 | ND | Pass |
| Chloroform | 0.0370 | 0.111 | 60.0 | ND | Pass |
| Ethanol | 14.8 | 44.4 | 5000 | 2960 | Pass |
| Ethyl acetate | 14.8 | 44.4 | 5000 | ND | Pass |
| Ethyl ether | 14.8 | 44.4 | 5000 | ND | Pass |
| Ethylene oxide | 0.148 | 0.444 | 5.00 | ND | Pass |
| Heptane | 14.8 | 44.4 | 5000 | ND | Pass |
| n-Hexane | 7.40 | 22.2 | 290 | ND | Pass |
| Isopropyl alcohol | 14.8 | 44.4 | 5000 | ND | Pass |
| Methanol | 14.8 | 44.4 | 3000 | ND | Pass |
| Methylene chloride | 0.0740 | 0.222 | 600 | ND | Pass |
| Pentane | 3.70 | 11.1 | 5000 | ND | Pass |
| Propane | 7.40 | 22.2 | 5000 | ND | Pass |
| Toluene | 7.40 | 22.2 | 890 | ND | Pass |
| Trichloroethylene | 0.0370 | 0.111 | 80.0 | ND | Pass |
| Xylenes | 7.40 | 22.2 | 2170 | ND | Pass |

SOP.204; HS-GC-MS.

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