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Formerly Botanacor Labs

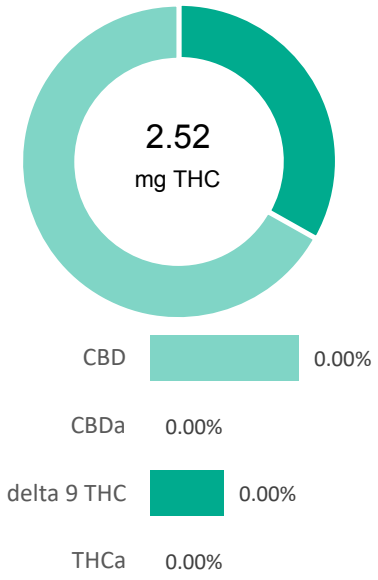
# CERTIFICATE OF ANALYSIS

prepared for: North Brands LLC

## Blackberry Mango 021424

| | | | |
|---|---|---|---|
| **Batch ID:** | 021424 | **Test ID:** | T000235187 |
| **Type:** | Unit | **Submitted:** | 02/13/2023 @ 11:16 AM |
| **Test:** | Potency | **Started:** | 2/15/2023 |
| **Method:** | TM14 (HPLC-DAD) | **Reported:** | 2/16/2023 |

## CANNABINOID PROFILE




| Compound | LOQ (mg) | Result (mg) | Result (mg/g) |
|---|---|---|---|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 1.19 | ND | ND |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 1.34 | 2.52 | 0.0 |
| Cannabidiolic acid (CBDA) | 1.43 | ND | ND |
| Cannabidiol (CBD) | 1.40 | 5.08 | 0.0 |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 1.47 | ND | ND |
| Cannabinolic Acid (CBNA) | 0.84 | ND | ND |
| Cannabinol (CBN) | 0.39 | ND | ND |
| Cannabigerolic acid (CBGA) | 1.24 | ND | ND |
| Cannabigerol (CBG) | 0.30 | ND | ND |
| Tetrahydrocannabivarinic Acid (THCVA) | 1.05 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.27 | ND | ND |
| Cannabidivarinic Acid (CBDVA) | 0.60 | ND | ND |
| Cannabidivarin (CBDV) | 0.33 | ND | ND |
| Cannabichromenic Acid (CBCA) | 0.48 | ND | ND |
| Cannabichromene (CBC) | 0.52 | ND | ND |
| **Total Cannabinoids** | | **7.60** | **0.0** |
| Total Potential THC** | | 2.52 | 0.0 |
| Total Potential CBD** | | 5.08 | 0.0 |

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
Total THC = THC + (THCa *(0.877)) and
Total CBD = CBD + (CBDa *(0.877))
ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
# of Servings = 1, Sample Weight=358.14g

## FINAL APPROVAL

Karen Winternheime
16-Feb-2023
6:55 PM
PREPARED BY / DATE

Sam Smith
16-Feb-2023
6:56 PM
APPROVED BY / DATE

*Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01*

ACCREDITED
Certificate #4329.02

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# CERTIFICATE OF ANALYSIS

Prepared for:
**North Brands LLC**

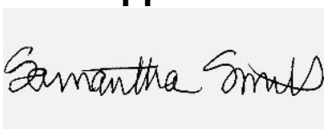
## Blackberry Mango 021424

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **021424** | **Residual Solvents** | **15Feb2023** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000235190 | 14Feb2023 | N/A |
| | Method(s): | Received: | Status: |
| | TM04 (GC-MS): Residual Solvents | 13Feb2023 | Active |

## Residual Solvents

| | **Dynamic Range** (ppm) | **Result** (ppm) | **Notes** |
|---|---|---|---|
| Propane | 88 - 1765 | ND | |
| Butanes (Isobutane, n-Butane) | 185 - 3705 | ND | |
| Methanol | 55 - 1092 | ND | |
| Pentane | 90 - 1807 | ND | |
| Ethanol | 91 - 1820 | ND | |
| Acetone | 92 - 1833 | ND | |
| Isopropyl Alcohol | 96 - 1914 | ND | |
| Hexane | 6 - 111 | ND | |
| Ethyl Acetate | 93 - 1850 | ND | |
| Benzene | 0.2 - 3.7 | ND | |
| Heptanes | 96 - 1920 | ND | |
| Toluene | 16 - 323 | ND | |
| Xylenes (m,p,o-Xylenes) | 119 - 2385 | ND | |

## Final Approval



Sam Smith
15Feb2023
09:05:00 AM MST

PREPARED BY / DATE

Karen Winternheimer
15Feb2023
09:08:00 AM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/b0a6837d-dbaa-419c-ba30-eb6047b12cd4

**Definitions**
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range



Cert #4329.02
b0a6837ddbaa419cba30eb6047b12cd4.1

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# CERTIFICATE OF ANALYSIS

Prepared for:

**Blackberry Mango 021424**

**North Brands LLC**

| Batch ID or Lot Number: | Test: | Reported: |
|---|---|---|
| **021424** | **Pesticides** | **2/17/23** |

| Matrix: | Test ID: | Started: | USDA License: |
|---|---|---|---|
| Concentrate | T000235188 | 2/16/23 | N/A |

| Status: | Method: | Received: | Sampler ID: |
|---|---|---|---|
| N/A | TM17(LC-QQQ LC MS/MS): | 02/13/2023 @ 11:16 AM | N/A |

## PESTICIDE DETERMINATION

| Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|---|
| **Acephate** | 41 | ND | **Fenoxycarb** | 45 | ND | **Paclobutrazol** | 44 | ND |
| **Acetamiprid** | 44 | ND | **Fipronil** | 42 | ND | **Permethrin** | 288 | ND |
| **Abamectin** | 297 | ND | **Flonicamid** | 50 | ND | **Phosmet** | 42 | ND |
| **Azoxystrobin** | 45 | ND | **Fludioxonil** | 307 | ND | **Prophos** | 295 | ND |
| **Bifenazate** | 41 | ND | **Hexythiazox** | 42 | ND | **Propoxur** | 45 | ND |
| **Boscalid** | 41 | ND | **Imazalil** | 291 | ND | **Pyridaben** | 310 | ND |
| **Carbaryl** | 41 | ND | **Imidacloprid** | 43 | ND | **Spinosad A** | 35 | ND |
| **Carbofuran** | 45 | ND | **Kresoxim-methyl** | 150 | ND | **Spinosad D** | 52 | ND |
| **Chlorantraniliprole** | 41 | ND | **Malathion** | 302 | ND | **Spiromesifen** | 285 | ND |
| **Chlorpyrifos** | 500 | ND | **Metalaxyl** | 41 | ND | **Spirotetramat** | 289 | ND |
| **Clofentezine** | 273 | ND | **Methiocarb** | 43 | ND | **Spiroxamine 1** | 18 | ND |
| **Diazinon** | 291 | ND | **Methomyl** | 40 | ND | **Spiroxamine 2** | 4 | ND |
| **Dichlorvos** | 263 | ND | **MGK 264 1** | 169 | ND | **Tebuconazole** | 289 | ND |
| **Dimethoate** | 41 | ND | **MGK 264 2** | 110 | ND | **Thiacloprid** | 43 | ND |
| **E-Fenpyroximate** | 294 | ND | **Myclobutanil** | 40 | ND | **Thiamethoxam** | 41 | ND |
| **Etofenprox** | 44 | ND | **Naled** | 44 | ND | **Trifloxystrobin** | 46 | ND |
| **Etoxazole** | 309 | ND | **Oxamyl** | 1500 | ND | | | |

Karen Winternheimer
2/17/2023
1:56:00 PM
PREPARED BY / DATE

Sam Smith
2/17/2023
1:59:00 PM
APPROVED BY / DATE

### Definitions

LOQ = Limit of Quantification
ppb = Parts per Billion

*Testing results are based solely upon the sample submitted to SC Laboratories, Inc. SC Laboratories, Inc warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01*

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Certificate #4329.02

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# CERTIFICATE OF ANALYSIS

Prepared for:

**Blackberry Mango 021424**

**North Brands LLC**

| Batch ID or Lot Number: | Test: | Reported: |
|---|---|---|
| **021424** | **Metals** | **2/17/23** |

| Matrix: | Test ID: | Started: | USDA License: |
|---|---|---|---|
| Unit | T000235189 | 2/16/23 | N/A |

| Status: | Method: | Received: | Sampler ID: |
|---|---|---|---|
| Active | TM19 (ICP-MS): Heavy Metals | 02/13/2023 @ 11:16 AM | N/A |

## HEAVY METALS DETERMINATION

| Compound | Dynamic Range (ppm) | Result (ppm) |
|---|---|---|
| **Arsenic** | 0.049 - 4.89 | ND |
| **Cadmium** | 0.047 - 4.74 | ND |
| **Mercury** | 0.043 - 4.30 | ND |
| **Lead** | 0.039 - 3.87 | ND |

**Notes**

Sam Smith
17-Feb-23
1:27 PM
PREPARED BY / DATE

Karen Winternheimer
17-Feb-23
1:32 PM
APPROVED BY / DATE

**Definitions**

ND = None Detected (Defined by Dynamic Range of the method)

*Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.*

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