

Prepared for:  
**North Brands LLC**

## Blackberry Mango

|   |                                       |                        |             |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number:<br><b>NCC0003</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Unit        | Page 1 of 4 |
| Reported:<br><b>31May2023</b>             | Started:<br>31May2023                 | Received:<br>30May2023 |             |


## Cannabinoids

Test ID: T000245264


Methods: TM14 (HPLC-DAD)

|  | LOD (mg) | LOQ (mg) | Result (mg)   | Result (mg/g) | Notes                                       |
|--|----------|----------|---------------|---------------|---|
| Cannabichromene (CBC)                        | 0.167    | 0.533    | ND            | ND            | # of Servings = 1,<br>Sample<br>Weight=355g |
| Cannabichromenic Acid (CBCA)                 | 0.153    | 0.487    | ND            | ND            |   |
| Cannabidiol (CBD)                            | 0.450    | 1.358    | 12.850        | 0.00          |   |
| Cannabidiolic Acid (CBDA)                    | 0.462    | 1.393    | ND            | ND            |   |
| Cannabidivarin (CBDV)                        | 0.106    | 0.321    | ND            | ND            |   |
| Cannabidivarinic Acid (CBDVA)                | 0.193    | 0.581    | ND            | ND            |   |
| Cannabigerol (CBG)                           | 0.095    | 0.303    | ND            | ND            |   |
| Cannabigerolic Acid (CBGA)                   | 0.396    | 1.265    | ND            | ND            |   |
| Cannabinol (CBN)                             | 0.124    | 0.395    | ND            | ND            |   |
| Cannabinolic Acid (CBNA)                     | 0.270    | 0.863    | ND            | ND            |   |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)   | 0.472    | 1.507    | ND            | ND            |   |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 0.428    | 1.368    | 6.240         | 0.00          |   |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.380    | 1.212    | ND            | ND            |   |
| Tetrahydrocannabivarin (THCV)                | 0.086    | 0.275    | ND            | ND            |   |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.335    | 1.069    | ND            | ND            |   |
| <b>Total Cannabinoids</b>                    |          |          | <b>19.090</b> | <b>0.00</b>   |   |
| Total Potential THC                          |          |          | 6.240         | 0.00          |   |
| Total Potential CBD                          |          |          | 12.850        | 0.00          |   |

## Final Approval

  
Sam Smith  
31May2023  
02:17:00 PM MDT

PREPARED BY / DATE

  
Karen Winternheimer  
31May2023  
02:23:00 PM MDT

APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

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## Residual Solvents

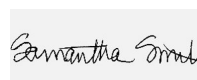
Test ID: T000245267  
Methods: TM04 (GC-MS): Residual

| Solvents                      | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane                       | 89 - 1785           | ND           |       |
| Butanes (Isobutane, n-Butane) | 183 - 3659          | ND           |       |
| Methanol                      | 54 - 1085           | ND           |       |
| Pentane                       | 91 - 1827           | ND           |       |
| Ethanol                       | 94 - 1872           | ND           |       |
| Acetone                       | 89 - 1788           | ND           |       |
| Isopropyl Alcohol             | 92 - 1837           | ND           |       |
| Hexane                        | 5 - 108             | ND           |       |
| Ethyl Acetate                 | 90 - 1798           | ND           |       |
| Benzene                       | 0.2 - 3.6           | ND           |       |
| Heptanes                      | 92 - 1832           | ND           |       |
| Toluene                       | 16 - 324            | ND           |       |
| Xylenes (m,p,o-Xylenes)       | 119 - 2381          | ND           |       |

### Final Approval

  
Rachel Morris  
31May2023  
08:51:00 AM MDT

PREPARED BY / DATE

  
Sam Smith  
31May2023  
09:00:00 AM MDT


APPROVED BY / DATE

## Heavy Metals


Test ID: T000245266  
Methods: TM19 (ICP-MS): Heavy

| Metals  | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.05 - 4.64         | ND           |       |
| Cadmium | 0.04 - 4.44         | ND           |       |
| Mercury | 0.05 - 4.55         | ND           |       |
| Lead    | 0.04 - 4.26         | ND           |       |

### Final Approval

  
Sam Smith  
01Jun2023  
01:58:00 PM MDT

PREPARED BY / DATE

  
Karen Winternheimer  
01Jun2023  
02:04:00 PM MDT

APPROVED BY / DATE

Prepared for:  
**North Brands LLC**

## Blackberry Mango

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## Pesticides


Test ID: T000245265

Methods: TM17

| (LC-QQ LC MS/MS)    | Dynamic Range (ppb) | Result (ppb) |  | Dynamic Range (ppb) | Result (ppb) |    |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin           | 259 - 2844          | ND           |  | Malathion           | 290 - 2732   | ND |
| Acephate            | 42 - 2785           | ND           |  | Metalaxyl           | 44 - 2731    | ND |
| Acetamiprid         | 42 - 2735           | ND           |  | Methiocarb          | 43 - 2750    | ND |
| Azoxystrobin        | 46 - 2696           | ND           |  | Methomyl            | 42 - 2794    | ND |
| Bifenazate          | 41 - 2719           | ND           |  | MGK 264 1           | 180 - 1681   | ND |
| Boscalid            | 52 - 2649           | ND           |  | MGK 264 2           | 114 - 1072   | ND |
| Carbaryl            | 41 - 2726           | ND           |  | Myclobutanil        | 41 - 2740    | ND |
| Carbofuran          | 43 - 2710           | ND           |  | Naled               | 49 - 2751    | ND |
| Chlorantraniliprole | 41 - 2771           | ND           |  | Oxamyl              | 43 - 2776    | ND |
| Chlorpyrifos        | 51 - 2721           | ND           |  | Paclobutrazol       | 45 - 2738    | ND |
| Clofentezine        | 291 - 2751          | ND           |  | Permethrin          | 262 - 2719   | ND |
| Diazinon            | 284 - 2724          | ND           |  | Phosmet             | 39 - 2688    | ND |
| Dichlorvos          | 285 - 2789          | ND           |  | Prophos             | 281 - 2732   | ND |
| Dimethoate          | 44 - 2745           | ND           |  | Propoxur            | 41 - 2716    | ND |
| E-Fenpyroximate     | 282 - 2714          | ND           |  | Pyridaben           | 289 - 2686   | ND |
| Etofenprox          | 42 - 2693           | ND           |  | Spinosad A          | 34 - 2079    | ND |
| Etoxazole           | 290 - 2686          | ND           |  | Spinosad D          | 63 - 656     | ND |
| Fenoxycarb          | 13 - 2766           | ND           |  | Spiromesifen        | 265 - 2700   | ND |
| Fipronil            | 28 - 2735           | ND           |  | Spirotetramat       | 274 - 2738   | ND |
| Flonicamid          | 50 - 2822           | ND           |  | Spiroxamine 1       | 19 - 1212    | ND |
| Fludioxonil         | 296 - 2655          | ND           |  | Spiroxamine 2       | 22 - 1523    | ND |
| Hexythiazox         | 39 - 2714           | ND           |  | Tebuconazole        | 293 - 2735   | ND |
| Imazalil            | 301 - 2741          | ND           |  | Thiacloprid         | 42 - 2724    | ND |
| Imidacloprid        | 42 - 2778           | ND           |  | Thiamethoxam        | 40 - 2772    | ND |
| Kresoxim-methyl     | 52 - 2733           | ND           |  | Trifloxystrobin     | 43 - 2707    | ND |

## Final Approval

  
Sam Smith  
05Jun2023  
11:12:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
05Jun2023  
11:20:00 AM MDT  
APPROVED BY / DATE

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## Blackberry Mango

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<https://results.botanacor.com/api/v1/coas/uuid/00ff3e7-d21-4a57-9219-96aa47877b2f>

**Definitions**  
 LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \* (0.877)) and Total CBD = CBD + (CBDa \* (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. 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. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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