



# Certificate of Analysis

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## COMPLIANCE FOR RETAIL

## PASSED



**Harvest/Lot ID:** 6719046294655504  
**Batch #:** 260312.BLDM.1CART  
**Batch Date:** 03/12/26  
**Production Method:** Other - Not Listed  
**Total Amount:** 993 units  
**Cultivation Facility:** Auburndale  
**Processing Facility:** Auburndale  
**Retail Product Size:** 1 gram  
**Retail Serving Size:** 1 gram  
**Servings:** 1  
**Seed To Sale #:** 4602101508259139

**Lab ID:** MI60314004-013  
**Sampled:** 03/13/26  
**Sample Size:** 16 units  
**Completed:** 03/18/26  
**Manifest #:** 7765888236104294

### INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
**License #:** M00016CULPROAuburndale001



### SAFETY RESULTS

### MISC.



**Pesticide**  
**PASSED**



**Heavy Metals**  
**PASSED**



**Microbial**  
**PASSED**



**Mycotoxins**  
**PASSED**



**Solvents**  
**PASSED**



**Filtration/Foreign Material**  
**PASSED**



**Water Activity**  
**PASSED**



**Moisture Content**  
**NOT TESTED**



**Terpenes**  
**TESTED**



### Cannabinoid

### TESTED



**Total THC**  
**84.0%**  
Total THC : 840 mg



**Total CBD**  
**0.250%**  
Total CBD : 2.50 mg



**Total Cannabinoids**  
**89.1%**  
Total Cannabinoids/Container : 891 mg

|         | D9-THC  | THCA    | CBD     | CBDA    | D8-THC  | CBG     | CBGA    | CBN     | THCV    | CBDV    | CBC     | THCVA   |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| %       | 84.0    | 0.0850  | 0.250   | ND      | ND      | 2.92    | ND      | 0.892   | 0.403   | ND      | 0.602   | ND      |
| mg/unit | 840     | 0.850   | 2.50    | ND      | ND      | 29.2    | ND      | 8.92    | 4.03    | ND      | 6.02    | ND      |
| LOD     | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 | 0.00100 |
| LOQ     | 0.0100  | 0.0100  | 0.00100 | 0.0100  | 0.0100  | 0.0100  | 0.0100  | 0.0100  | 0.0100  | 0.0100  | 0.0100  | 0.0100  |
| %       | %       | %       | %       | %       | %       | %       | %       | %       | %       | %       | %       | %       |

Qualifier

**Analyzed by:**  
3335, 1665, 585, 1440

**Weight:**  
0.1048g

**Extraction date:**  
03/14/26 16:48:40

**Extracted by:**  
5150

**Analysis Method:** SOP.T.40.031, SOP.T.30.031

**Analytical Batch:** MI096810POT

**Instrument Used:** DA-LC-003

**Analyzed Date:** 03/17/26 11:53:43

**Batch Date:** 03/14/26 12:38:21

**Dilution:** 400

**Reagent:** 031126.R28; 102725.04; 030526.R04

**Consumables:** 947.110; 04312111; 030125CH01; 0000355309

**Pipette:** DA-079; DA-108; DA-421

Full Spectrum extended cannabinoid analysis utilizing High Performance Liquid Chromatography with UV and/or Photodiode Array detection in accordance with F.S. Rule 64ER20-39.

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**Vivian Celestino**  
Lab Director



State License # CMTL-00013  
ISO 17025 Accreditation #  
ISO/IEC 17025:2017  
Accreditation PJLA-Testing  
97164

Signature  
03/18/26  
**Laboratory License #:** 900013



# Certificate of Analysis

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## INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
License # : M00016CULPROAuburndale001

Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**



## Label Claim Verification

**PASSED**

| ANALYTES                          | UNIT    | LOD              | LOQ           | LIMIT            | PASS/FAIL | RESULT | QUALIFIER |
|-----------------------------------|---------|------------------|---------------|------------------|-----------|--------|-----------|
| Analyzed by:                      | Weight: | Extraction date: | Extracted by: |                  |           |        |           |
| Analysis Method : N/A             |         |                  |               |                  |           |        |           |
| Analytical Batch : N/A            |         |                  |               |                  |           |        |           |
| Instrument Used : N/A             |         |                  |               |                  |           |        |           |
| Analyzed Date : 03/17/26 11:53:42 |         |                  |               | Batch Date : N/A |           |        |           |



## Terpenes

**TESTED**

| ANALYTES            | LOD     | LOQ     | LIMIT | PASS/FAIL | RESULT (%) | (MG/UNIT) | QUALIFIER |
|---------------------|---------|---------|-------|-----------|------------|-----------|-----------|
| TOTAL TERPENES      | 0.00700 | 0.0200  |       | TESTED    | 6.33       | 63.3      |           |
| BETA-MYRCENE        | 0.00700 | 0.0200  |       | TESTED    | 1.73       | 17.3      |           |
| ALPHA-PINENE        | 0.00700 | 0.0200  |       | TESTED    | 1.49       | 14.9      |           |
| BETA-CARYOPHYLLENE  | 0.00700 | 0.0200  |       | TESTED    | 0.968      | 9.68      |           |
| BETA-PINENE         | 0.00700 | 0.0200  |       | TESTED    | 0.701      | 7.01      |           |
| ALPHA-BISABOOL      | 0.00700 | 0.0200  |       | TESTED    | 0.428      | 4.28      |           |
| LIMONENE            | 0.00700 | 0.0200  |       | TESTED    | 0.324      | 3.24      |           |
| LINALOOL            | 0.00700 | 0.0200  |       | TESTED    | 0.248      | 2.48      |           |
| ALPHA-HUMULENE      | 0.00700 | 0.0200  |       | TESTED    | 0.184      | 1.84      |           |
| CARYOPHYLLENE OXIDE | 0.00700 | 0.0200  |       | TESTED    | 0.0799     | 0.799     |           |
| ALPHA-TERPINEOL     | 0.00700 | 0.0200  |       | TESTED    | 0.0511     | 0.511     |           |
| FENCHYL ALCOHOL     | 0.00700 | 0.0200  |       | TESTED    | 0.0435     | 0.435     |           |
| TRANS-NEROLIDOL     | 0.00500 | 0.0160  |       | TESTED    | 0.0433     | 0.433     |           |
| CAMPHENE            | 0.00700 | 0.0200  |       | TESTED    | 0.0309     | 0.309     |           |
| 3-CARENE            | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| BORNEOL             | 0.0130  | 0.0400  |       | TESTED    | ND         | ND        |           |
| CAMPHOR             | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| CEDROL              | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| EUCALYPTOL          | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| FARNESENE           | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| FENCHONE            | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| GERANIOL            | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| GERANYL ACETATE     | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| GUAJOL              | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| HEXAHYDROTHYMOL     | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| ISOBORNEOL          | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| ISOPULEGOL          | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| NEROL               | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| OCIMENE             | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| PULEGONE            | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| SABINENE            | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| SABINENE HYDRATE    | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| VALENCENE           | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| ALPHA-CEDRENE       | 0.00500 | 0.0160  |       | TESTED    | ND         | ND        |           |
| ALPHA-PHELLANDRENE  | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| ALPHA-TERPINENE     | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| ALPHA-TERPINOLENE   | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |
| CIS-NEROLIDOL       | 0.00300 | 0.00800 |       | TESTED    | ND         | ND        |           |
| GAMMA-TERPINENE     | 0.00700 | 0.0200  |       | TESTED    | ND         | ND        |           |

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**Vivian Celestino**  
Lab Director



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ISO 17025 Accreditation #  
ISO/IEC 17025:2017  
Accreditation PJLA-Testing  
97164

Signature  
03/18/26  
Laboratory License #: 900013



3451 Commerce Parkway  
Miramar, FL, 33025, US  
(954) 368-7664

Kaycha Labs  
.....  
CART-Blue Dream-1000mg  
Strain: Blue Dream  
Matrix: Derivative  
Classification: High THC  
Type: Extract for Inhalation



# Certificate of Analysis

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## INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
License # : M00016CULPROAuburndale001

Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**



## Terpenes

**TESTED**

| ANALYTES                                                                                                                                             | LOD               | LOQ                                   | LIMIT | PASS/FAIL | RESULT (%)            | (MG/UNIT) QUALIFIER |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------|-------|-----------|-----------------------|---------------------|
| Analyzed by:<br>4531, 585, 1440                                                                                                                      | Weight:<br>0.208g | Extraction date:<br>03/16/26 14:18:14 |       |           | Extracted by:<br>4531 |                     |
| Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL                                                                                                 |                   |                                       |       |           |                       |                     |
| Analytical Batch : MI096860TER                                                                                                                       |                   |                                       |       |           |                       |                     |
| Instrument Used : DA-GCMS-009                                                                                                                        |                   |                                       |       |           |                       |                     |
| Batch Date : 03/16/26 10:44:41                                                                                                                       |                   |                                       |       |           |                       |                     |
| Analyzed Date : 03/17/26 11:53:45                                                                                                                    |                   |                                       |       |           |                       |                     |
| Dilution : 10                                                                                                                                        |                   |                                       |       |           |                       |                     |
| Reagent : 112625.49                                                                                                                                  |                   |                                       |       |           |                       |                     |
| Consumables : 947.110; 04312111; 2240626; 0000355309                                                                                                 |                   |                                       |       |           |                       |                     |
| Pipette : DA-065                                                                                                                                     |                   |                                       |       |           |                       |                     |
| Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected. |                   |                                       |       |           |                       |                     |



## Pesticide

**PASSED**

| ANALYTES                            | UNIT | LOD    | LOQ    | LIMIT | PASS/FAIL | RESULT | QUALIFIER |
|-------------------------------------|------|--------|--------|-------|-----------|--------|-----------|
| TOTAL CONTAMINANT LOAD (PESTICIDES) | ppm  | 0.0100 | 0.0500 | 5     | PASS      | ND     |           |
| TOTAL DIMETHOMORPH                  | ppm  | 0.0100 | 0.0500 | 0.2   | PASS      | ND     |           |
| TOTAL PERMETHRIN                    | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| TOTAL PYRETHRINS                    | ppm  | 0.0100 | 0.0500 | 0.5   | PASS      | ND     |           |
| TOTAL SPINETORAM                    | ppm  | 0.0100 | 0.0500 | 0.2   | PASS      | ND     |           |
| TOTAL SPINOSAD                      | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ABAMECTIN B1A                       | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ACEPHATE                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ACEQUINOCYL                         | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ACETAMIPRID                         | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ALDICARB                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| AZOXYSTROBIN                        | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| BIFENAZATE                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CHLORPYRIFOS                        | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| BIFENTHRIN                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| BOSCALID                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CARBARYL                            | ppm  | 0.0100 | 0.0500 | 0.5   | PASS      | ND     |           |
| CLOFENTEZINE                        | ppm  | 0.0100 | 0.0500 | 0.2   | PASS      | ND     |           |
| CARBOFURAN                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| COUMAPHOS                           | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CHLORANTRANILIPROLE                 | ppm  | 0.0100 | 0.0500 | 1     | PASS      | ND     |           |
| DAMINOZIDE                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CHLORMEQUAT CHLORIDE                | ppm  | 0.0100 | 0.0500 | 1     | PASS      | ND     |           |
| DIAZINON                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| DICHLORVOS                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| DIMETHOATE                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ETHOPROPHOS                         | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ETOFENPROX                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| ETOXAZOLE                           | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FENHEXAMID                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FENOXYCARB                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FENPYROXIMATE                       | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FIPRONIL                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FLONICAMID                          | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| FLUDIOXONIL                         | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| HEXYTHIAZOX                         | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| IMAZALIL                            | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |

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**Vivian Celestino**  
Lab Director

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ISO 17025 Accreditation #  
ISO/IEC 17025:2017  
Accreditation PJLA-Testing  
97164

Signature  
03/18/26  
Laboratory License #: 900013



3451 Commerce Parkway  
Miramar, FL, 33823, US  
(954) 368-7664

Kaycha Labs  
.....  
CART-Blue Dream-1000mg  
Strain: Blue Dream  
Matrix: Derivative  
Classification: High THC  
Type: Extract for Inhalation



# Certificate of Analysis

Pages 4 of 7

## INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
License # : M00016CULPROAuburndale001

Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**



## Pesticide

**PASSED**

| ANALYTES                       | UNIT | LOD    | LOQ    | LIMIT | PASS/FAIL | RESULT | QUALIFIER |
|--------------------------------|------|--------|--------|-------|-----------|--------|-----------|
| IMIDACLOPRID                   | ppm  | 0.0100 | 0.0500 | 0.4   | PASS      | ND     |           |
| KRESOXIM-METHYL                | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| MALATHION                      | ppm  | 0.0100 | 0.0500 | 0.2   | PASS      | ND     |           |
| METALAXYL                      | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| METHIOCARB                     | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| METHOMYL                       | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| MEVINPHOS                      | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| MYCLOBUTANIL                   | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| NALED                          | ppm  | 0.0100 | 0.0500 | 0.25  | PASS      | ND     |           |
| OXAMYL                         | ppm  | 0.0100 | 0.0500 | 0.5   | PASS      | ND     |           |
| PACLOBUTRAZOL                  | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PHOSMET                        | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PIPERONYL BUTOXIDE             | ppm  | 0.0100 | 0.0500 | 3     | PASS      | ND     |           |
| PRALLETHRIN                    | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PROPICONAZOLE                  | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PROPOXUR                       | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PYRIDABEN                      | ppm  | 0.0100 | 0.0500 | 0.2   | PASS      | ND     |           |
| SPIROMESIFEN                   | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| SPIROTETRAMAT                  | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| SPIROXAMINE                    | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| TEBUCONAZOLE                   | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| THIACLOPRID                    | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| THIAMETHOXAM                   | ppm  | 0.0100 | 0.0500 | 0.5   | PASS      | ND     |           |
| TRIFLOXYSTROBIN                | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| PENTACHLORONITROBENZENE (PCNB) | ppm  | 0.0100 | 0.0500 | 0.15  | PASS      | ND     |           |
| PARATHION-METHYL               | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CAPTAN                         | ppm  | 0.0700 | 0.350  | 0.7   | PASS      | ND     |           |
| CHLORDANE                      | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CHLORFENAPYR                   | ppm  | 0.0100 | 0.0500 | 0.1   | PASS      | ND     |           |
| CYFLUTHRIN                     | ppm  | 0.0500 | 0.250  | 0.5   | PASS      | ND     |           |
| CYPERMETHRIN                   | ppm  | 0.0500 | 0.250  | 0.5   | PASS      | ND     |           |

Analyzed by: 3379, 585, 1440      Weight: 0.2335g      Extraction date: 03/16/26 09:25:18      Extracted by: 5150,4640,4451

Analysis Method : SOP.T.30.102.FL, SOP.T.40.102.FL

Analytical Batch : MI096821PES

Instrument Used : DA-LCMS-005 (PES)

Batch Date : 03/14/26 13:00:54

Analyzed Date : 03/18/26 10:05:55

Dilution : 250

Reagent : 031126.R04; 031626.R01; 031626.R02; 030926.R25; 022426.R23; 031126.R02

Consumables : 927.100; 030125CH01; 6698360-03

Pipette : DA-093; DA-094; DA-219

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

Analyzed by: 450, 4640, 585, 1440      Weight: 0.2335g      Extraction date: 03/16/26 09:25:18      Extracted by: 5150,4640,4451

Analysis Method : SOP.T.30.151A.FL, SOP.T.40.151.FL

Analytical Batch : MI096823VOL

Instrument Used : DA-GCMS-011

Batch Date : 03/14/26 13:02:22

Analyzed Date : 03/18/26 09:57:59

Dilution : 250

Reagent : 031626.R01; 012026.01; 021026.R22; 021026.R23

Consumables : 927.100; 030125CH01; 221021DD; 17473601

Pipette : DA-080; DA-146; DA-218

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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**Vivian Celestino**  
Lab Director

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Accreditation PJLA-Testing  
97164

Signature  
03/18/26  
Laboratory License #: 900013



# Certificate of Analysis

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## INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
License # : M00016CULPROAuburndale001

Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**



## Residual Solvents

**PASSED**

| ANALYTES             | UNIT | LOD   | LOQ   | LIMIT | PASS/FAIL | RESULT | QUALIFIER |
|----------------------|------|-------|-------|-------|-----------|--------|-----------|
| 1,1-DICHLOROETHENE   | ppm  | 0.800 | 4.00  | 8     | PASS      | ND     |           |
| 1,2-DICHLOROETHANE   | ppm  | 0.200 | 1.00  | 2     | PASS      | ND     |           |
| 2-PROPANOL           | ppm  | 50.0  | 250   | 500   | PASS      | ND     |           |
| ACETONE              | ppm  | 75.0  | 375   | 750   | PASS      | ND     |           |
| ACETONITRILE         | ppm  | 6.00  | 30.0  | 60    | PASS      | ND     |           |
| BENZENE              | ppm  | 0.100 | 0.500 | 1     | PASS      | ND     |           |
| BUTANES (N-BUTANE)   | ppm  | 500   | 2500  | 5000  | PASS      | ND     |           |
| CHLOROFORM           | ppm  | 0.200 | 1.00  | 2     | PASS      | ND     |           |
| DICHLOROMETHANE      | ppm  | 12.5  | 62.5  | 125   | PASS      | ND     |           |
| ETHANOL              | ppm  | 500   | 2500  | 5000  | PASS      | ND     |           |
| ETHYL ACETATE        | ppm  | 40.0  | 200   | 400   | PASS      | ND     |           |
| ETHYL ETHER          | ppm  | 50.0  | 250   | 500   | PASS      | ND     |           |
| ETHYLENE OXIDE       | ppm  | 0.500 | 2.50  | 5     | PASS      | ND     |           |
| HEPTANE              | ppm  | 500   | 2500  | 5000  | PASS      | ND     |           |
| METHANOL             | ppm  | 25.0  | 125   | 250   | PASS      | ND     |           |
| N-HEXANE             | ppm  | 25.0  | 125   | 250   | PASS      | ND     |           |
| PENTANES (N-PENTANE) | ppm  | 75.0  | 375   | 750   | PASS      | ND     |           |
| PROPANE              | ppm  | 500   | 2500  | 5000  | PASS      | ND     |           |
| TOLUENE              | ppm  | 15.0  | 75.0  | 150   | PASS      | ND     |           |
| TOTAL XYLENES        | ppm  | 15.0  | 75.0  | 150   | PASS      | ND     |           |
| TRICHLOROETHYLENE    | ppm  | 2.50  | 12.5  | 25    | PASS      | ND     |           |

Analyzed by:  
4444, 585, 1440

Weight:  
0.0247g

Extraction date:  
03/16/26 08:23:54

Extracted by:  
4444

Analysis Method : SOP.T.40.041.FL  
Analytical Batch : MI096857SOL  
Instrument Used : DA-GCMS-012  
Analyzed Date : 03/17/26 11:35:14

Batch Date : 03/16/26 08:08:06

Dilution : 1  
Reagent : 061323.06  
Consumables : 431526; 325202  
Pipette : DA-416 (25uL Syringe - 44286); DA-417 (25uL Syringe - 44287)

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.



## Microbial

**PASSED**

| ANALYTES                 | UNIT  | LOD  | LOQ  | LIMIT  | PASS/FAIL | RESULT      | QUALIFIER |
|--------------------------|-------|------|------|--------|-----------|-------------|-----------|
| ASPERGILLUS FLAVUS       |       |      |      |        | PASS      | Not Present |           |
| SALMONELLA SPECIFIC GENE |       |      |      |        | PASS      | Not Present |           |
| ASPERGILLUS FUMIGATUS    |       |      |      |        | PASS      | Not Present |           |
| ECOLI - SHIGELLA         |       |      |      |        | PASS      | Not Present |           |
| ASPERGILLUS TERREUS      |       |      |      |        | PASS      | Not Present |           |
| ASPERGILLUS NIGER        |       |      |      |        | PASS      | Not Present |           |
| TOTAL YEAST AND MOLD     | CFU/g | 10.0 | 10.0 | 100000 | PASS      | <10.0       |           |

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**Vivian Celestino**  
Lab Director



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ISO 17025 Accreditation #  
ISO/IEC 17025:2017  
Accreditation PJLA-Testing  
97164

Signature  
03/18/26  
Laboratory License #: 900013



# Certificate of Analysis

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## INSA

1250 Hobbs Rd  
Auburndale, FL, 33823, US  
License # : M00016CULPROAuburndale001

Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**

|                                                                                   |                  |               |
|-----------------------------------------------------------------------------------|------------------|---------------|
|  | <b>Microbial</b> | <b>PASSED</b> |
|-----------------------------------------------------------------------------------|------------------|---------------|

| ANALYTES                                                                                                                                                                                                                                                                                                                                                                                                                                            | UNIT    | LOD | LOQ               | LIMIT | PASS/FAIL | RESULT        | QUALIFIER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|-------------------|-------|-----------|---------------|-----------|
| Analyzed by:<br>3621, 4520, 585, 1440                                                                                                                                                                                                                                                                                                                                                                                                               | Weight: |     | Extraction date:  |       |           | Extracted by: |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.868g  |     | 03/14/26 13:28:14 |       |           | 3621          |           |
| <b>Analysis Method :</b> SOP.T.40.056C<br><b>Analytical Batch :</b> MI096814MIC<br><b>Instrument Used :</b> DA-111 (PathogenDx Scanner),DA-013 (Thermocycler),DA-188 (36.5°C Incubator),DA-049 (95°C Heat Block),DA-402 (55°C Heat Block)<br><b>Analyzed Date :</b> 03/17/26 11:50:59<br><b>Dilution :</b> 10<br><b>Reagent :</b> 111225.04; 111225.05; 111225.10; 021126.R10; 092525.06<br><b>Consumables :</b> 7588002021<br><b>Pipette :</b> N/A |         |     |                   |       |           |               |           |
| Microbial testing is performed utilizing PCR in accordance with F.S. Rule 64ER20-39.                                                                                                                                                                                                                                                                                                                                                                |         |     |                   |       |           |               |           |

|                                                                                                                                                                                                                                                                                                                    |         |  |                   |  |  |               |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|-------------------|--|--|---------------|--|
| Analyzed by:<br>3621, 5008, 585, 1440                                                                                                                                                                                                                                                                              | Weight: |  | Extraction date:  |  |  | Extracted by: |  |
|                                                                                                                                                                                                                                                                                                                    | 0.912g  |  | 03/14/26 13:29:04 |  |  | 3621          |  |
| <b>Analysis Method :</b> SOP.T.40.209.FL<br><b>Analytical Batch :</b> MI096815TYM<br><b>Instrument Used :</b> DA-328 (25°C Incubator)<br><b>Analyzed Date :</b> 03/17/26 11:52:03<br><b>Dilution :</b> 10<br><b>Reagent :</b> 022026.11; 022026.21; 010626.R20<br><b>Consumables :</b> N/A<br><b>Pipette :</b> N/A |         |  |                   |  |  |               |  |
| Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.                                                                                                                                                                           |         |  |                   |  |  |               |  |

|                                                                                     |                   |               |
|-------------------------------------------------------------------------------------|-------------------|---------------|
|  | <b>Mycotoxins</b> | <b>PASSED</b> |
|-------------------------------------------------------------------------------------|-------------------|---------------|

| ANALYTES                                                                                                                                                                                                                                                                                                                                                                                                                       | UNIT    | LOD     | LOQ               | LIMIT | PASS/FAIL | RESULT         | QUALIFIER |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------------------|-------|-----------|----------------|-----------|
| AFLATOXIN B2                                                                                                                                                                                                                                                                                                                                                                                                                   | ppm     | 0.00200 | 0.0100            | 0.02  | PASS      | ND             |           |
| AFLATOXIN B1                                                                                                                                                                                                                                                                                                                                                                                                                   | ppm     | 0.00200 | 0.0100            | 0.02  | PASS      | ND             |           |
| OCHRATOXIN A                                                                                                                                                                                                                                                                                                                                                                                                                   | ppm     | 0.00200 | 0.0100            | 0.02  | PASS      | ND             |           |
| AFLATOXIN G1                                                                                                                                                                                                                                                                                                                                                                                                                   | ppm     | 0.00200 | 0.0100            | 0.02  | PASS      | ND             |           |
| AFLATOXIN G2                                                                                                                                                                                                                                                                                                                                                                                                                   | ppm     | 0.00200 | 0.0100            | 0.02  | PASS      | ND             |           |
| Analyzed by:<br>3379, 585, 1440                                                                                                                                                                                                                                                                                                                                                                                                | Weight: |         | Extraction date:  |       |           | Extracted by:  |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.2335g |         | 03/16/26 09:25:18 |       |           | 5150,4640,4451 |           |
| <b>Analysis Method :</b> SOP.T.30.102.FL, SOP.T.40.102.FL<br><b>Analytical Batch :</b> MI096822MYC<br><b>Instrument Used :</b> DA-LCMS-005 (MYC)<br><b>Analyzed Date :</b> 03/17/26 13:33:45<br><b>Dilution :</b> 250<br><b>Reagent :</b> 031126.R04; 031626.R01; 031626.R02; 030926.R25; 022426.R23; 031126.R02; 012026.01<br><b>Consumables :</b> 927.100; 030125CH01; 6698360-03<br><b>Pipette :</b> DA-093; DA-094; DA-219 |         |         |                   |       |           |                |           |
| Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.                                                                                                                                                                                                                                                                                            |         |         |                   |       |           |                |           |

|                                                                                     |                       |               |
|-------------------------------------------------------------------------------------|-----------------------|---------------|
|  | <b>Water Activity</b> | <b>PASSED</b> |
|-------------------------------------------------------------------------------------|-----------------------|---------------|

| ANALYTES       | UNIT | LOD   | LOQ  | LIMIT | PASS/FAIL | RESULT | QUALIFIER |
|----------------|------|-------|------|-------|-----------|--------|-----------|
| WATER ACTIVITY | aw   | 0.010 | 0.10 | 0.85  | PASS      | 0.62   |           |

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**Vivian Celestino**  
Lab Director



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03/18/26  
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# Certificate of Analysis

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License # : M00016CULPROAuburndale001

## Sample: MI60314004-013

Batch #: 260312.BLDM.1CART  
Harvest/Lot ID: 6719046294655504  
Seed to sale: 4602101508259139

Ordered: 03/13/26  
Sampled: 03/13/26  
Completed: 03/18/26

**PASSED**



## Water Activity

**PASSED**

| ANALYTES                                                                                                                                                                                                                  | UNIT              | LOD                                   | LOQ | LIMIT | PASS/FAIL | RESULT                     | QUALIFIER |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------|-----|-------|-----------|----------------------------|-----------|
| Analyzed by:<br>4056, 585, 1440                                                                                                                                                                                           | Weight:<br>0.617g | Extraction date:<br>03/14/26 16:32:24 |     |       |           | Extracted by:<br>4797,4056 |           |
| <b>Analysis Method :</b> SOP.T.40.019<br><b>Analytical Batch :</b> MI096818WAT<br><b>Instrument Used :</b> DA-028 Rotronic Hygropalm<br><b>Analyzed Date :</b> 03/17/26 09:19:31<br><b>Batch Date :</b> 03/14/26 12:55:51 |                   |                                       |     |       |           |                            |           |
| <b>Dilution :</b> N/A<br><b>Reagent :</b> 091525.03<br><b>Consumables :</b> PS-14<br><b>Pipette :</b> N/A                                                                                                                 |                   |                                       |     |       |           |                            |           |



## Heavy Metals

**PASSED**

| ANALYTES                                                                                                                                                                                                                                                          | UNIT               | LOD                                   | LOQ   | LIMIT | PASS/FAIL | RESULT                | QUALIFIER |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------------------|-------|-------|-----------|-----------------------|-----------|
| TOTAL CONTAMINANT LOAD METALS                                                                                                                                                                                                                                     | ppm                | 0.0800                                | 0.400 | 1.1   | PASS      | ND                    |           |
| ARSENIC                                                                                                                                                                                                                                                           | ppm                | 0.0200                                | 0.100 | 0.2   | PASS      | ND                    |           |
| CADMIUM                                                                                                                                                                                                                                                           | ppm                | 0.0200                                | 0.100 | 0.2   | PASS      | ND                    |           |
| MERCURY                                                                                                                                                                                                                                                           | ppm                | 0.0200                                | 0.100 | 0.2   | PASS      | ND                    |           |
| LEAD                                                                                                                                                                                                                                                              | ppm                | 0.0200                                | 0.100 | 0.5   | PASS      | ND                    |           |
| Analyzed by:<br>1022, 585, 1440                                                                                                                                                                                                                                   | Weight:<br>0.2965g | Extraction date:<br>03/14/26 14:58:30 |       |       |           | Extracted by:<br>5122 |           |
| <b>Analysis Method :</b> SOP.T.30.082.FL, SOP.T.40.082.FL<br><b>Analytical Batch :</b> MI096836HEA<br><b>Instrument Used :</b> DA-ICPMS-005<br><b>Analyzed Date :</b> 03/17/26 11:01:10<br><b>Batch Date :</b> 03/14/26 13:49:48                                  |                    |                                       |       |       |           |                       |           |
| <b>Dilution :</b> 50<br><b>Reagent :</b> 022026.R15; 030626.R05; 020326.R11; 031026.R07; 030926.R36; 031026.R05; 031026.R06; 030426.01; 020326.R12; 061323.01<br><b>Consumables :</b> 030125CH01; J609879-0193; 179436<br><b>Pipette :</b> DA-061; DA-191; DA-215 |                    |                                       |       |       |           |                       |           |
| Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.                                                                                                                                     |                    |                                       |       |       |           |                       |           |



## Filtration/Foreign Material

**PASSED**

| ANALYTES                                                                                                                                                                                                                               | UNIT          | LOD                                   | LOQ   | LIMIT | PASS/FAIL | RESULT                    | QUALIFIER |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------|-------|-------|-----------|---------------------------|-----------|
| FILTRATION AND FOREIGN MATERIAL                                                                                                                                                                                                        | %             | 0.100                                 | 0.500 | 1     | PASS      | ND                        |           |
| Analyzed by:<br>4797, 585, 1440                                                                                                                                                                                                        | Weight:<br>1g | Extraction date:<br>03/17/26 09:12:18 |       |       |           | Extracted by:<br>4797,585 |           |
| <b>Analysis Method :</b> SOP.T.40.090<br><b>Analytical Batch :</b> MI096846FIL<br><b>Instrument Used :</b> Filtration/Foreign Material Microscope<br><b>Analyzed Date :</b> 03/17/26 11:52:43<br><b>Batch Date :</b> 03/15/26 14:49:31 |               |                                       |       |       |           |                           |           |
| <b>Dilution :</b> N/A<br><b>Reagent :</b> N/A<br><b>Consumables :</b> N/A<br><b>Pipette :</b> N/A                                                                                                                                      |               |                                       |       |       |           |                           |           |

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