

# Certificate of Analysis

## Sample Information

CTLA ID: 13682  
Date Received: 12/27/2019  
Sample Name: Dixie Cinnamon 250mg 1oz  
Lot Number: 33619  
Customer: MM Inc.



| Analysis                         | Method      | MDL Specification | Result   | Units |
|----------------------------------|-------------|-------------------|----------|-------|
| <b>Rapid Complete Micro</b>      |             |                   |          |       |
| Total Plate Count                | USP <2021>  | 100 Report        | <100     | cfu/g |
| Total Coliforms                  | BAM CH.4    | 10 Report         | <10      | cfu/g |
| <i>Escherichia coli</i>          | USP <2022>  | Report            | Negative |       |
| <i>Salmonella</i>                | USP <2022>  | Report            | Negative |       |
| <i>Staphylococcus aureus</i>     | USP <2022>  | Report            | Negative |       |
| Rapid Yeast and Mold             | AOAC 997.02 | 10 Report         | <10      | cfu/g |
| <b>Heavy Metals</b>              |             |                   |          |       |
| Arsenic                          | USP <2232>  | 0.045 Report      | <0.045   | ppm   |
| Cadmium                          | USP <2232>  | 0.045 Report      | <0.045   | ppm   |
| Lead                             | USP <2232>  | 0.045 Report      | 0.071    | ppm   |
| Mercury                          | USP <2232>  | 0.045 Report      | <0.045   | ppm   |
| <b>Cannabinoid Concentration</b> |             |                   |          |       |
| Total Cannabidiol (CBD)          | HPLC        | 1.393 Report      | 265.099  | mg/oz |
| Total Tetrahydrocannabinol (THC) | HPLC        | 0.005 Report      | ND       | %     |
| CBD                              | HPLC        | 1.393 Report      | 265.099  | mg/oz |
| CBDA                             | HPLC        | 1.393 Report      | ND       | mg/oz |
| Δ9-THC                           | HPLC        | 1.393 Report      | ND       | mg/oz |
| THCA                             | HPLC        | 1.393 Report      | ND       | mg/oz |
| Δ8-THC                           | HPLC        | 1.393 Report      | ND       | mg/oz |
| THCV                             | HPLC        | 1.393 Report      | ND       | mg/oz |
| CBDV                             | HPLC        | 1.393 Report      | 1.652    | mg/oz |
| CBDVA                            | HPLC        | 1.393 Report      | ND       | mg/oz |
| CBGA                             | HPLC        | 1.393 Report      | ND       | mg/oz |

1/7/2020  
DATE

  
Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.

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| CBG                | HPLC      | 1.393 Report      | ND     | mg/oz |
| CBN                | HPLC      | 1.393 Report      | ND     | mg/oz |
| CBC                | HPLC      | 1.393 Report      | ND     | mg/oz |
| CBL                | HPLC      | 1.393 Report      | ND     | mg/oz |
| <b>Pesticides</b>  |           |                   |        |       |
| Abamectin          | USP <561> | .01 Report        | ND     | ppm   |
| Acequinocyl        | USP <561> | .01 Report        | ND     | ppm   |
| Bifenazate         | USP <561> | .01 Report        | ND     | ppm   |
| Bifenthrin         | USP <561> | .01 Report        | ND     | ppm   |
| Cyfluthrin         | USP <561> | .01 Report        | ND     | ppm   |
| Cypermethrin       | USP <561> | .01 Report        | ND     | ppm   |
| Daminozide         | USP <561> | .01 Report        | ND     | ppm   |
| Dimethomorph       | USP <561> | .01 Report        | ND     | ppm   |
| Etoxazole          | USP <561> | .01 Report        | ND     | ppm   |
| Fenhexamid         | USP <561> | .01 Report        | ND     | ppm   |
| Flonicamid         | USP <561> | .01 Report        | ND     | ppm   |
| Fludioxonil        | USP <561> | .01 Report        | ND     | ppm   |
| Imidacloprid       | USP <561> | .01 Report        | ND     | ppm   |
| Myclobutanil       | USP <561> | .01 Report        | ND     | ppm   |
| Paclobutrazol      | USP <561> | .01 Report        | ND     | ppm   |
| Piperonyl Butoxide | USP <561> | .01 Report        | ND     | ppm   |
| Pyrethrins         | USP <561> | .01 Report        | ND     | ppm   |
| Quintozene         | USP <561> | .01 Report        | ND     | ppm   |
| Spinetoram         | USP <561> | .01 Report        | ND     | ppm   |

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| Spinosad                 | USP <561> | .01 Report        | ND     | ppm   |
| Spirotetramat            | USP <561> | .01 Report        | ND     | ppm   |
| Thiamethoxam             | USP <561> | .01 Report        | ND     | ppm   |
| Trifloxystrobin          | USP <561> | .01 Report        | ND     | ppm   |
| Plant Growth Regulators  | USP <561> | .01 Report        | ND     | ppm   |
| <b>Residual Solvents</b> |           |                   |        |       |
| Butanes                  | USP <467> | 59 Report         | ND     | ppm   |
| Heptanes                 | USP <467> | 59 Report         | ND     | ppm   |
| Propanes                 | USP <467> | 59 Report         | ND     | ppm   |

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

1 oz = 28.450 g

Density = 0.948 g/ml

Total Cannabinoids = 266.750 mg/oz

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