

# Certificate of Analysis

## Sample Information

CTLA ID: 9270  
Date Received: 7/1/2019  
Sample Name: BRT-1012 Pure CBD 1,500 mg 4 oz  
Lot Number: KW16219  
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   |
| E. Coli                          | USP <2022>  | Report            | Negative  |         |
| Salmonella                       | USP <2022>  | Report            | Negative  |         |
| Staph. aureus                    | 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      | <0.045    | ppm     |
| Mercury                          | USP <2232>  | 0.045 Report      | 0.050     | ppm     |
| <b>Cannabinoid Concentration</b> |             |                   |           |         |
| Total Cannabidiol (CBD)          | HPLC        | 6.749 Report      | 1,552.974 | mg/4 oz |
| Total Tetrahydrocannabinol (THC) | HPLC        | 0.006 Report      | ND        | %       |
| CBD                              | HPLC        | 6.749 Report      | 1,552.974 | mg/4 oz |
| CBDA                             | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| Δ9-THC                           | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| THCA                             | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| Δ8-THC                           | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| THCV                             | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| CBDV                             | HPLC        | 6.749 Report      | 11.397    | mg/4 oz |
| CBDVA                            | HPLC        | 6.749 Report      | ND        | mg/4 oz |
| CBGA                             | HPLC        | 6.749 Report      | ND        | mg/4 oz |

  
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      | 6.749 Report      | ND     | mg/4 oz |
| CBN                | HPLC      | 6.749 Report      | ND     | mg/4 oz |
| CBC                | HPLC      | 6.749 Report      | ND     | mg/4 oz |
| CBL                | HPLC      | 6.749 Report      | ND     | mg/4 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> | 61 Report         | ND     | ppm   |
| Heptanes                 | USP <467> | 61 Report         | ND     | ppm   |
| Propanes                 | USP <467> | 61 Report         | ND     | ppm   |

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

4 oz = 114.231 g

Density = 0.952 g/ml

Total Cannabinoids = 1,564.371 mg/4 oz

  
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