

Certificate of Analysis

Sample Information

CTLA ID: 10504
 Date Received: 9/4/2019
 Sample Name: HempMeds Pets Itch & Hot Spot Balm
 Lot Number: 528029-B
 Customer: MM Inc.

| Analysis | Method | MDL Specification | Result | Units |
|----------------------------------|-------------|-------------------|----------|-------|
| Rapid Complete Micro | | | | |
| Total Plate Count | USP <2021> | 100 Report | 200 | 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 |
| Heavy Metals | | | | |
| Arsenic | USP <2232> | 0.048 Report | <0.048 | ppm |
| Cadmium | USP <2232> | 0.048 Report | <0.048 | ppm |
| Lead | USP <2232> | 0.048 Report | 0.052 | ppm |
| Mercury | USP <2232> | 0.048 Report | 0.068 | ppm |
| Cannabinoid Concentration | | | | |
| Total Cannabidiol (CBD) | HPLC | 0.056 Report | 1.424 | mg/g |
| Total Tetrahydrocannabinol (THC) | HPLC | 0.006 Report | ND | % |
| CBD | HPLC | 0.056 Report | 1.024 | mg/g |
| CBDA | HPLC | 0.056 Report | 0.456 | mg/g |
| Δ9-THC | HPLC | 0.056 Report | ND | mg/g |
| THCA | HPLC | 0.056 Report | ND | mg/g |
| Δ8-THC | HPLC | 0.056 Report | ND | mg/g |
| THCV | HPLC | 0.056 Report | ND | mg/g |
| CBDV | HPLC | 0.056 Report | ND | mg/g |
| CBDVA | HPLC | 0.056 Report | ND | mg/g |
| CBGA | HPLC | 0.056 Report | ND | mg/g |


 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.

| | | | | |
|-----|------|--------------|----|------|
| CBG | HPLC | 0.056 Report | ND | mg/g |
| CBN | HPLC | 0.056 Report | ND | mg/g |
| CBC | HPLC | 0.056 Report | ND | mg/g |
| CBL | HPLC | 0.056 Report | ND | mg/g |

Pesticides

| | | | | |
|-------------------------|-----------|------------|----|-----|
| 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 |
| 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 |

Residual Solvents

| | | | | |
|----------|-----------|-----------|----|-----|
| Butanes | USP <467> | 78 Report | ND | ppm |
| Heptanes | USP <467> | 78 Report | ND | ppm |
| Propanes | USP <467> | 78 Report | ND | ppm |


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ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

Total Cannabinoids = 1.480 mg/g or 0.148 %



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