# Certificate of Analysis
## Sample Information

**CTLA ID:** 13114
**Date Received:** 12/9/2019
**Sample Name:** RSHO Blue Tincture 500 mg 2 oz
**Lot Number:** 34319
**Customer:** MM Inc.

| Analysis | Method | MDL | Specification | Result | Units |
|---|---|---|---|---|---|
| **Complete Micro** | | | | | |
| Total Plate Count | USP <2021> | 100 | Report | <100 | cfu/g |
| Total Coliforms | BAM CH.4 | 10 | Report | <10 | cfu/g |
| *Escherichia coli* | USP <2022> | | Report | Negative | |
| *Salmonella* | USP <2022> | | Report | Negative | |
| *Staphylococcus aureus* | USP <2022> | | Report | Negative | |
| Yeast & Mold | USP <2021> | 100 | Report | <100 | cfu/g |
| **Heavy Metals** | | | | | |
| Arsenic | USP <2232> | .001 | Report | 0.034 | ppm |
| Cadmium | USP <2232> | .001 | Report | 0.002 | ppm |
| Lead | USP <2232> | .001 | Report | 0.010 | ppm |
| Mercury | USP <2232> | .001 | Report | <0.001 | ppm |
| **Cannabinoid Concentration** | | | | | |
| Total Cannabidiol (CBD) | HPLC | 3.160 | Report | 523.648 | mg/2oz |
| Total Tetrahydrocannabinol (THC) | HPLC | 0.006 | Report | ND | % |
| CBD | HPLC | 3.160 | Report | 463.637 | mg/2oz |
| CBDA | HPLC | 3.160 | Report | 68.427 | mg/2oz |
| Δ9-THC | HPLC | 3.160 | Report | ND | mg/2oz |
| THCA | HPLC | 3.160 | Report | ND | mg/2oz |
| Δ8-THC | HPLC | 3.160 | Report | ND | mg/2oz |
| THCV | HPLC | 3.160 | Report | ND | mg/2oz |
| CBDV | HPLC | 3.160 | Report | ND | mg/2oz |
| CBDVA | HPLC | 3.160 | Report | ND | mg/2oz |
| CBGA | HPLC | 3.160 | Report | ND | mg/2oz |

12/16/2019
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.

# CTLA
## Contract TESTING Laboratories
### OF AMERICA

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Date Received: 12/9/2019

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Lot Number: 34319

Customer: MM Inc.

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|---|---|---|---|---|---|
| CBG | HPLC | 3.160 | Report | ND | mg/2oz |
| CBN | HPLC | 3.160 | Report | ND | mg/2oz |
| CBC | HPLC | 3.160 | Report | 8.860 | mg/2oz |
| CBL | HPLC | 3.160 | Report | ND | mg/2oz |
| **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 |

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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 |
| **Residual Solvents** | | | | | |
| Butanes | USP <467> | 50 | Report | ND | ppm |
| Heptanes | USP <467> | 50 | Report | ND | ppm |
| Propanes | USP <467> | 50 | Report | ND | ppm |

ND = None Detected

Total CBD = CBD + (CBDA*0.877)
Total THC = Δ9-THC + Δ8-THC

2 oz = 57.115 g

Density = 0.952 g/ml

Total Cannabinoids = 540.924 mg/2 oz

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