

CTLA ID: 10034  
Date Received: 8/9/2019  
Sample Name: Kannaway Pure Gold Liquid 1500 mg 4 oz  
Lot Number: 21819  
Customer: MM Inc.

| Analysis                         | Method     | MDL Specification | Result    | Units   |
|----------------------------------|------------|-------------------|-----------|---------|
| <b>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  |         |
| Yeast & Mold                     | USP <2021> | 100 Report        | <100      | cfu/g   |
| <b>Heavy Metals</b>              |            |                   |           |         |
| Arsenic                          | USP <2232> | .001 Report       | 0.020     | ppm     |
| Cadmium                          | USP <2232> | .001 Report       | <0.001    | ppm     |
| Lead                             | USP <2232> | .001 Report       | 0.002     | ppm     |
| Mercury                          | USP <2232> | .001 Report       | <0.001    | ppm     |
| <b>Cannabinoid Concentration</b> |            |                   |           |         |
| Total Cannabidiol (CBD)          | HPLC       | 7.379 Report      | 1,652.359 | mg/4 oz |
| Total Tetrahydrocannabinol (THC) | HPLC       | 0.006 Report      | ND        | %       |
| CBD                              | HPLC       | 7.379 Report      | 1,652.359 | mg/4 oz |
| CBDA                             | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| Δ9-THC                           | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| THCA                             | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| Δ8-THC                           | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| THCV                             | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| CBDV                             | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| CBDVA                            | HPLC       | 7.379 Report      | ND        | mg/4 oz |
| CBGA                             | HPLC       | 7.379 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.

|     |      |       |        |        |         |
|-----|------|-------|--------|--------|---------|
| CBG | HPLC | 7.379 | Report | ND     | mg/4 oz |
| CBN | HPLC | 7.379 | Report | ND     | mg/4 oz |
| CBC | HPLC | 7.379 | Report | 10.389 | mg/4 oz |
| CBL | HPLC | 7.379 | Report | ND     | mg/4 oz |

**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> | 62 | Report | ND | ppm |
| Heptanes | USP <467> | 62 | Report | ND | ppm |
| Propanes | USP <467> | 62 | Report | ND | ppm |

  
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ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

4 oz = 114.519 g

Density = 0.954 g/ml

Total Cannabinoids = 1,662.748 mg/4 oz



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