

Customer Name: Advanced Grow Labs, LLC  
Customer Address: 400 Frontage Road  
West Haven, CT 06516  
Phone Number: 475-227-0028

Results issued on: 8/17/2021 COA No.: 21081321-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| CBD-210804-O-1:1  | 3620-5    | Quality Control Analysis   |
|                   | 3620-6    |                            |
|                   | 3620-6    | Active Ingredient Analysis |
|                   | 3620-6    | Terpene Analysis           |

### Quality Control Results

| <u>Test</u>  | <u>Test Conducted</u>         | <u>Specification</u> | <u>Results (Pass/Fail)</u> |
|--------------|-------------------------------|----------------------|----------------------------|
| Microbiology | Total Aerobic Microbial Count | < 200 CFU/g          | Passed                     |
|              | Total Yeast and Mold Count    | < 20 CFU/g           | Passed                     |
|              | Gram-negative Bacteria        | Not Present          | Passed                     |
|              | <i>Staphylococcus aureus</i>  | Not Present          | Passed                     |
|              | <i>Pseudomonas aeruginosa</i> | Not Present          | Passed                     |
| Mycotoxins   | Aflatoxin B1                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin B2                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin G1                  | < 20 ug/Kg           | Passed                     |
|              | Aflatoxin G2                  | < 20 ug/Kg           | Passed                     |
|              | Ochratoxin A                  | < 20 ug/Kg           | Passed                     |
| Heavy Metals | Arsenic - As                  | < 4.206 ug/g         | Passed                     |
|              | Cadmium - Cd                  | < 2.704 ug/g         | Passed                     |
|              | Mercury - Hg                  | < 8.712 ug/g         | Passed                     |
|              | Lead - Pb                     | < 8.712 ug/g         | Passed                     |

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Client Lot Number: **CBD-210804-O-1:1**

## Active Ingredient Results

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight (w/w) | mg per 300-mg of product | mg per 500-mg of product | mg per 1000-mg of product | mg per 1040-mg of product |
|------------------------------------------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | 0.72%                   | 2.16                     | 3.60                     | 7.20                      | 7.49                      |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 39.7%                   | 119                      | 199                      | 397                       | 413                       |
| Cannabidiol Acid (CBD-A)                                   | <0.10%                  | <0.10                    | <0.10                    | <0.10                     | <0.10                     |
| Cannabidiol (CBD)                                          | 38.6%                   | 116                      | 193                      | 386                       | 401                       |
| Cannabigerol Acid (CBG-A)                                  | 0.17%                   | 0.51                     | 0.85                     | 1.70                      | 1.77                      |
| Cannabigerol (CBG)                                         | 1.41%                   | 4.23                     | 7.05                     | 14.1                      | 14.7                      |
| Cannabinol (CBN)                                           | 0.48%                   | 1.44                     | 2.40                     | 4.80                      | 4.99                      |
| Cannabichromene (CBC)                                      | 0.54%                   | 1.62                     | 2.70                     | 5.40                      | 5.62                      |

## Terpene Content Results

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight (w/w) |
|------------------------|-------------------------|
| $\alpha$ -Pinene       | <0.10%                  |
| $\beta$ -Pinene        | <0.10%                  |
| $\beta$ -Myrcene       | <0.10%                  |
| Limonene               | <0.10%                  |
| Ocimene                | <0.10%                  |
| Linalool               | 0.27%                   |
| $\beta$ -Caryophyllene | 0.51%                   |
| Humulene               | 0.22%                   |
| $\alpha$ -Bisabolol    | 0.14%                   |



Results Approved by  
Jose A. Zavaleta, Lab Director



CoA Reviewed by  
Ewelina Pliszka, Lab Supervisor

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